SIEMENS

Be inspired

Issued by
Information and Communication mobile
Haidenauplatz 1
D-81667 Munich

© Siemens AG 2003
All rights reserved. Subject to availability.
Rights of modification reserved.

Siemens Aktiengesellschaft
www.my-siemens.com

SX1

Contents

Safety precautions 3
Overview of the phone 4
Getting Started 6
Insert SIM card/battery 6
Emergency number (SOS) 7
Charge battery 7
User guide 8
Navigation 8
Menu 9
Searching 9
Switch on, off / PIN entry 10
Standby mode 10
Security 11
Making a phone call 12
Dialling with number keys 12
Dialling using Contacts 12
Accept call 12
End call 12
Dialling Options 12
Reject call 13
Call waiting 13
Conference 13
Options during a call 14
Volume control 15
Handsfree 15
Writing Text 16
Contacts 19
Open the Contacts 19
Insert SIM card entries 19
Call an entry 21
View an entry 21
Groups 22
Voice Dialling 23
Add a ringtone 24
Business Card 25
Records 26
Recent calls 26
Records list 26
Call duration 26
Call costs 27
GPRS data counter 27
Records options 27
Messages 28
Message options 28
New messages 28
Inbox 32
Viewing a message 32
View options 32
My folders 34
Mailbox 35
Drafts 36
Sent 36
Outbox 37
Reports 37
Settings 37
SIM messages 43
Service commands 43
Internet 44
Settings 44
Bookmarks view 44
WAP connection 46
WAP browser settings 47
Connection security 48

See also Index at the end of this User Guide

Contents

Camera 49
Snapshot 49
Images 51
Music 55
Radio 55
MP3 Player 56
Organiser 57
Calendar 57
Tasks 59
Today 60
Notes 60
Voice memo 60
Calculator 61
Converter 62
Extras 64
File Manager 64
MultiMediaCard 65
Java applications 66
Alarm clock 69
Favourites 69
SIM Phonebook 70
SIM fixed dial 70
Service numbers 70
SIM services 70
Profiles 71
Activate 71
Setup 71
Setup 73
Phone 73
Screensaver 74
Call 75
Connection 76
Date and time settings 78
Security 79
Call barring 80
Network 81
Accessory settings 82
Call divert 83
Bluetooth™ 84
Infrared 87
Modem 87
Audio 88
Voice mailbox 88
Manager 90
Shortcut 92
Questions & Answers 93
Customer Care 96
Care and maintenance 98
Product data 99
SAR – European Union (RTTE) 100
SAR – International (ICNIRP) 102
Accessories 103
Quality Statements 104
Battery quality statement 104
Display quality statement 104
Guarantee certificate (UK) 105
Guarantee certificate (IRL) 106
Index 107

See also Index at the end of this User Guide

Information for parents

Please read the operating instructions and safety precautions carefully before use. Explain the content and the hazards associated with using the phone to your children.

Remember to comply with legal requirements and local restrictions when using the phone. For example in aeroplanes, petrol stations, hospitals or while driving.

Mobile phones can interfere with the functioning of medical devices such as hearing aids or pacemakers. Keep at least 20 cm/9 inches between phone and pacemaker. When using the mobile phone hold it to the ear which is further away from the pacemaker. For more information consult your doctor.

The SIM card and MultiMediaCard may be removed. Caution! Small parts like this could be swallowed by young children.

The mains voltage specified on the power supply unit (Volt) must not be exceeded. Otherwise the charging device may be destroyed.

The ringtone (S. 88), info tones (S. 88) and handsfree talking are reproduced through the loudspeaker. Do not hold the phone to your ear when it rings or when you have switched on the handsfree function (p. 15). Otherwise you risk serious permanent damage to your hearing.

Do not use an optical magnifier to look at the activated infrared interface [Class 1 LED product (classification as per IEC 60825-1)].

Only use original Siemens batteries (100 % mercury-free) and – charging devices. Otherwise you risk serious damage to health and property. The battery could explode, for instance.

You may only open the phone to replace the battery (100 % mercury-free), or SIM card or MultiMediaCard. You must not open the battery under any circumstances. All other changes to this device are strictly prohibited and will invalidate the guarantee.

Important:

Please dispose of unwanted batteries and phones as permitted by the laws in your country.

The phone may cause interference in the vicinity of TV sets, radios and PCs.

Use only Siemens original accessories. This will avoid potential risks to health or property and ensure compliance with all relevant regulations.

Improper use will invalidate the guarantee! For software installation see important warning message on p. 68.

Overview of the phone

① **Integrated antenna**

Do not interfere with the phone above the battery cover unnecessarily. This reduces the signal strength.

② **Loudspeaker**

③ **Displays**

Signal strength/GPRS available/ battery level

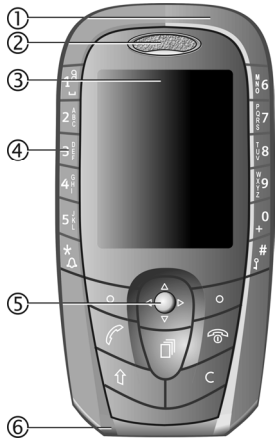
④ **Number keys**

Digits, letters.

⑤ **Joystick/Other keys**

See next page.

⑥ **Microphone**



① **Infrared interface**

(IrDA, e.g. for communication between PC/ PDA and mobile phone)

② **Push-to-talk key**

- In standby mode: start voice control,
- In voice control mode: start recording,
- In voice record mode: start recording.

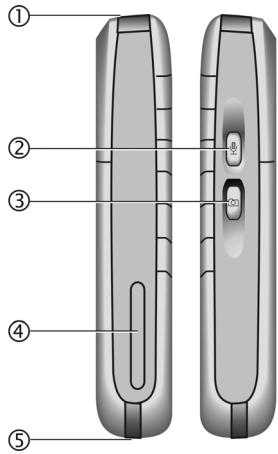
③ **Snapshot key**

- In standby mode: start snapshot application,
- Snapshot mode: take a photo.

④ **MultiMediaCard insertion**

⑤ **Device interface**

Connection for charger, headset etc.



① # key **Hold down**

In standby mode: switch key lock on/off.

② **Soft keys**

The current functions of these keys are displayed in the lowest display line as text or icons.

③ * key **Hold down**

In standby mode: Switch on/off the profile "Mute" (p. 71).

④ **Joystick**

Move the joystick left, right, up down for navigation on the display.

Press the joystick to open folders or start applications.

⑤ **Menu key**

Press to display the main menu. Hold down to switch between applications (p. 9).

⑥ **Call key**

Dial displayed phone number or name, accept calls.

In standby mode: display the last calls.

In call mode: Hold/unhold function

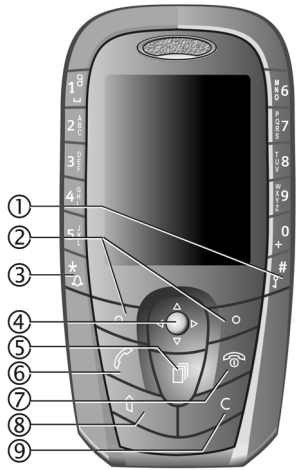
⑦ **On/Off/End key**

Press: end call/function/application and return to Idle mode.

In menus: one menu level back.

Hold down:

Switch phone on/off. From menus: return to standby mode.



⑧ **Shift key**

Opens the text menu with editing functions.

In lists: while holding, press/move the joystick to mark/unmark items.

In edit mode: while holding, press/move the joystick to mark/unmark characters.

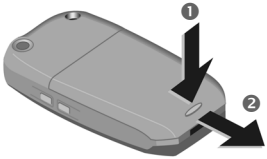
⑨ **Clear key**

Deletes selected items in edit mode or user-created lists.

Insert SIM card/battery

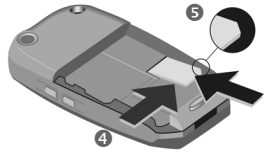
The service provider supplies you with a SIM card on which all the important data for your line is stored. If the SIM card has been delivered in credit card size, snap the smaller segment out and remove any rough edges.

- Press the lock ❶ and remove the lid in the direction indicated by the arrow ❷.

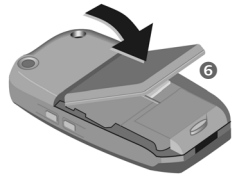


- Remove the battery upwards ❸.

- Insert SIM card in the opening with contacts **pointing downwards**. First push at the phones edge ❹, than push gently until it engages ❺ (make sure the angled corner is in the correct position).



- Insert battery into phone ❻.



- Close the lid in reverse way as described in ❷.

Note

Always switch off phone before removing the battery!

Only 3-Volt SIM cards are supported. Please contact your service provider if you have an older card.

Emergency number (SOS)

Must only be used in real emergencies!

Switch the phone on and check for adequate signal strength.

Press to go to standby if in a menu or application.

Key in the emergency number (e.g. 112 or other official emergency numbers).

Press to call the number.

You can make an emergency call on any network without a SIM card and without entering a PIN (not available in all countries).

Charge battery

The battery is not fully charged when delivered. Plug in the charger cable at the bottom of the phone, plug in the power supply unit to the mains power socket and charge for at least two hours.

Display when charging is in progress

During charging.

Charging time

An empty battery is fully charged after about 1 - 1.5 hours. Charging is only possible in an ambient temperature of 5 °C to 40 °C (the charge icon flashes as a warning when the temperature is 5 °C above/below this range). The mains voltage specified on the power supply unit must not be exceeded.

Charge icon not visible

If the battery is totally discharged no charge icon is displayed when the charger is plugged in. It will appear after two hours at most. In this case the battery is fully charged after 1.5 - 2 hours.

Only use the charger provided!

Display while in service

Charge level display during operation (empty-full):

A beep sounds when the battery is nearly empty.

Note

The charger heats up when used for long periods. This is normal and not dangerous.

Operating times

Standby time up to 200 hours, and up to 240 minutes talk time, depended on the operating conditions.

User guide

The following symbols are used to explain operation:

Enter numbers or letters.

On/Off/End key.

Call key.

Soft keys.

Shift key.

Clear key.

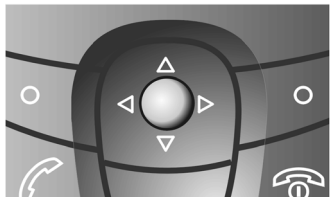
Menu key.

Use joystick for navigation on display, and for open folders and applications.

Function depends on the service provider, special registration may be necessary.

Navigation

Joystick



Move the cursor in menus, and lists by moving the joystick to the left, right, up, and down.

Open selected folders or start applications by a short press on the joystick.

Menu

In the Menu you can access all main applications.

Press the menu key to display the Menu.

Personalise your Menu

Organise all applications and folders in any order you like. Select the required item, then:

Options ➤ Move

A check mark is placed beside the selection. Move with the cursor to the new position and press **OK**.

To move items to a folder, select the required item:

Options ➤ Move to folder

A list of available folders is shown as possible destinations (function is not shown if there is no folder available). You can also choose the root level when moving an item out of a folder. Select the new location for the item and press **OK**.

Menu Options

Open, List view, Move, Move to folder, New folder, Exit.

Switching between applications

If there is more than one application running you can switch between them.

Press and hold down the Menu key.

A list with all active applications appears on the display. Scroll to the required one and press the joystick to switch the active one.

Note

If too many applications are open, some may be closed by the phone to save memory. Unsaved data will be saved automatically before an application is closed.

Searching

Your phone has one search field for all purposes. Usually the search field is indicated as such by a magnifying glass to the left of the text-field. In other cases you may have to activate it:

Options ➤ Find

To search for an item, key in letters in the search field. The phone starts searching automatically and shows the matches for selection. To optimise the search, key in more letters. To open the found item, press the joystick.

Switch on, off

To switch **on**, hold **down** On/Off/End key.

To switch **off**, hold **down** On/Off/End key in **standby mode**.

Enter PIN

The SIM card can be protected with a 4-8 digit PIN.

Enter your PIN code using the number keys (shown as a series of asterisks. If you make a mistake press C.

Press **OK** to confirm the input. Logging on to the network will take a few seconds.

Standby mode

When the name of the service provider appears at the top of the display, the phone is **in standby mode** and **ready for use.**

The following indicators are shown on the display:

Signal strength

Strong signal.

A weak signal reduces the call quality and may lead to loss of the connection. Change your location.

Battery charge level

Shows the power of the battery in 7 steps, e.g.:

Half full.

Full.

General

The phone and SIM card are protected against misuse by several security codes.

Keep these confidential numbers in a safe place where you can access them again if required.

PIN code	Protects your SIM card (personal identification number).
PIN2 code	This is needed to set the charge detail display and to access additional functions on special SIM cards.
PUK PUK2	Key code. Used to unlock SIM cards after the wrong PIN has been entered.
Security code	Protects your phone. The default code number is **12345**. You can change the security code to any number.

To access code administration:

 ➤ **Setup** ➤ **Settings** ➤ **Security** ➤ **Phone and SIM** ➤ Select a function:

PIN code request

The PIN is usually requested each time the phone is switched on. You can deactivate this feature but you risk unauthorised use of the phone.

PIN code

You can change the PIN to any 4-8 digit number you may find easier to remember.

PIN2 code

(displayed only if PIN 2 is available) Change PIN2 proceed as with **PIN code**.

Security code

You can change the security code to any number (exactly 5 digits). The default code number is **12345**.

If it is entered incorrectly three times, the phone will be blocked. In this case, please contact Siemens Service (p. 96).

Clear SIM card barring

If the PIN is entered incorrectly three times, the SIM card is barred. Enter the PUK (MASTER PIN), provided by your service provider with the SIM card, according to instructions. If the PUK (MASTER PIN) has been lost, please contact your service provider.

Note

See p. 79 for more functions.

Dialling with number keys

The phone must be switched on (standby mode).

Enter the number (always with prefix).

0 Press to set the international prefix +.

C A **short** press clears the last digit, a **long** press clears the entire number.

Press the Call key. The displayed phone number is dialled.

Dialling using Contacts

Press the joystick or move it down to open **Contacts** (in standby mode)

or

➤ **Contacts**

Select required entry.

Press the Call key to start the call.

For further information see p. 21.

Note

You can also make calls from numbers found within SMS, MMS, E-mail messages and other texts, from the SIM Phonebook or by using shortcuts (p. 75).

Accept call

The phone must be switched on (standby mode).

Press.

or

Press **Answer**.

If the phone number has been transmitted by the network, it is displayed. If it is stored in the **Contacts**, the corresponding name/picture is displayed.

End call

Press the End key.

Note

End an active call even if the person on the other end of the line has hung up first.

Dialling Options

Add to Contacts (Create new, Update existing), Call, Send (SMS, MMS).

Reject call

Press the end key. The caller will hear a "line busy" tone.
The call may be diverted if this has been set previously (p. 83).

Call waiting

You may need to register for this service with your service provider and set your phone accordingly (p. 75).

During a call, you may be advised that there is another call waiting. You will hear a special tone during the call.

You have the following options:

Press **Call** during the call to answer the waiting call. The first call is put on hold.

Press briefly to end the active call or hold down to end both calls. Also:

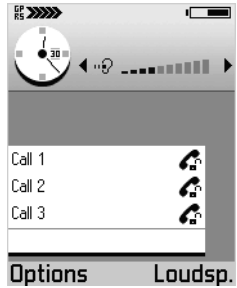
Options ➤ End all calls

If a second call is on hold:

Press **Swap** to switch between the calls.

Conference

Call up to 5 parties one by one and link them together in a phone conference. Some of the functions described may not be supported by your service provider or may have to be enabled specially.



You have established a connection:

Enter the new number, or use **Contacts** (p. 21).

Press the Call key.

The first call is automatically put on hold. When the new connection is established, add the first participant:

Options ➤ Conference

To add another person to the conference, repeat procedure and then select:

Options ➤ Add to conference

Private

You can have a private conversation with one of the conference participants:

Options ➤ Conference ➤ Private

Select participant.

Press **Private**.

You can now have a private discussion, while the rest of the conference participants continue talking.

To end the private conversation and go back to the conference:

Options ➤ Conference

Drop

To remove one participant from the conference:

Options ➤ Conference ➤ Drop participant

Select participant.

Press **Drop**.

Options during a call

BT handsfree on, End active call, Hold/ Unhold, Mute/Unmute, New call, Add to conference, Send DTMF, Answer, Reject, Mute

Most relevant functions:

Mute/Unmute

Switch microphone on/off.
If switched off, the person on the other end of the line cannot hear you (muting)

Transfer

The original call is joined to the second one. For you, both calls are now ended

Send DTMF

You can enter control codes (digits) during a call so that an answering machine can be controlled remotely. These digits are directly transmitted as DTMF tones (control codes).

Press to produce a *.

Press to produce a #.

Press twice to produce "p" for a pause of approx. 2 seconds, and press 3 times to produce "w" if you want the remaining sequence not to be sent until you press **Send** again during the call.

Press **OK** to send the tone.

Note

To store DTMF tones as an **Contacts** entry, see p. 21.

Volume control

Move the joystick left/right to decrease/increase volume when a call is active or a sound plays.

Do the same if a headset is connected.

Handsfree

To activate/deactivate the loudspeaker during a call:

Press sidekey

or

Options ➤ BT handsfree on/ Activate handset

You can hear the caller via the built-in loudspeaker. Also useful when using an application during a call, e.g. calendar or notes.

General

Your phone offers two ways of writing text:

- The conventional method. You press a number key repeatedly until the required character appears.
- The T9 method. You write a word, pressing each number key only once.

Conventional writing

To switch to conventional writing:

Press.

Alpha mode

Select.

Press a number key repeatedly until the required character appears. Make a pause until the cursor appears to the right of the written character. Write next character and so on.

After the characters of a key its number is written, followed by similar characters used in foreign languages.

T9 writing

To switch to T9 writing:

Press.

T9 input on

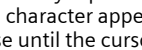
Select.

If T9 text input is switched on this icon is shown: **T9**

T9 deduces the correct word from the individual key entries by making comparisons with an extensive dictionary. Since the display changes as you proceed ...

... it is best if you finish a word without looking at the display.

You simply press the keys where the relevant letter is located **once only**. For "hotel", for example, type:



While you write a word it is underlined. If it is correct move the cursor to the right or insert a space.

If the word is incorrect and the cursor marks the word:

Press **>>T9>>** repeatedly to view matching words stored in the dictionary.

If the last match is reached, you can add the word as a new entry to the dictionary.

Press **Spell** to write the new word. Press **OK** to save it to the dictionary.

General rules

For writing text, several modes are available. For changing mode, use the # key. The status indicator is shown at the top line of the display.

Long press switches to:

123 – Number mode. For leaving number mode, **long** press the key again – you cannot change between the other modes when **123** is activated.

Short press switches between:

abc/T9 abc – All lower case.

Abc/T9 Abc – First letter upper case, following letters lower case.

ABC/T9 ABC – All upper case.

Entering 1 opens a small pop up menu. *

Short press once writes a blank and ends the word.

Short press twice for line feed.

Short press three times for entering 1. *

Writes a dot.

Multiple **short** press inserts punctuation marks. *

Shows a table with special characters (symbols) for selection.

Navigate to the desired character by using the joystick.

Deletes the character left of the cursor.

* Long press on any number key writes the number.

Text options

During writing text, T9 options, other mode options, and writing language can be changed. Depending on the current situation not all functions are visible.

Press.

T9 input Select.

Matches
View a list of matching words for selection.

Insert word
Add a word to the dictionary (max. 32 letters). If the dictionary becomes full, a new word replaces the oldest one.

Edit word
Edit word in **abc/ABC** mode.

Off
Ends T9 mode.

Alpha mode
Switches to lower case mode. The status indicator shows **abc**.

Number mode
Switch to number input mode. The status indicator shows **123**.

Insert symbol
Shows a table with special characters for selection.

Writing language
Change the T9 input language. If the required dictionary is not available, see **Writing language**, p. 73.

Copy Selected text will be copied into the clipboard. To select text:

Press and hold, while moving the joystick left/right to select words or up/down to select lines.

Still hold and press **Copy**.

Cut
Short press to open the menu, select **Cut** to cut and copy the selected text into the clipboard.

Paste To insert text from the clipboard:

Press and hold, then press **Paste**.

Press to remove the selected text from the document.

General

In **Contacts** you can store and manage entries with names, phone numbers and additional address information. Add voice dialling, a personal ringtone or a thumbnail image to an entry.

Open the Contacts

➤ Contacts

It is also possible to open contacts by pressing joystick downwards, or to assign one of the softkeys in idle mode a shortcut to contacts.

New entry

➤ Contacts ➤ Options ➤ New contact

Enter at least a name and a phone number. To write text, see, p. 16.

Press **Done** to store the new entry.

Insert SIM card entries

You can copy entries from the SIM card to the **Contacts** on the phone. Further data can be added to them subsequently.

➤ Extras ➤ SIM

Open SIM phonebook and select the name(s) you want to copy by marking.

Options ➤ Copy to Contacts

To copy an entry from **Contacts** to SIM, open the entry and select the required number:

Options ➤ Copy to SIM ph.book

Contacts Options main menu

Open, Call, Create message (SMS, MMS, E-mail), New contact, Edit, Delete, Duplicate, Add to group, Belongs to groups, Mark/Unmark, (Mark, Mark all, Unmark all), Send business card (via SMS, via e-mail, via Bluetooth, via infrared), Contacts info (Memory, Voice tags) Exit.

Contacts Options

By opening a contact the following functions are available.

Call, Create message (SMS, MMS, E-mail), Edit, Delete, Defaults, Add voice tag, Ringtone, Copy to SIM ph.book, Send business card (via SMS, via e-mail, via Bluetooth, via infrared), Ringtone, Send business card (via SMS, via e-mail, via Bluetooth, via infrared), Exit.

Edit an entry

Select required entry.

Options ➤ Edit

Make the required changes.

Press **Done**, to save the setting.

Delete an entry

Select required entry.

Options ➤ Delete

or

press button.

Delete multiple entries

Select required entries.

Options ➤ Mark

or

Options ➤ Mark all

The entries are indicated by a check mark. Mark further entries if required. To delete all marked entries select:

Options ➤ Delete

or

press button.

Add and remove fields

There are additional fields available for an entry. To add/delete an extra field open the entry, then:

Options ➤ Edit

Then in edit mode:

Options ➤ Add detail/Delete detail select to edit, complete or delete informations of a contact entry.

or

Options ➤ Edit label select to rename a field.

Add a picture

There are two different types of picture you can add to an contacts entry. See also **Camera**, p. 49.

Thumbnail

This image is shown in the display when the entry calls you. To open the required entry:

Options ➤ Edit

Then in edit mode:

Options ➤ Add thumbnail

Select a thumbnail.

Image

Attach an image to an entry. Open the required entry, move the joystick to the right to open the image view, then:

Options ➤ Add image

Add DTMF tones

In editing mode add the field DTMF to the entry:

Options ➤ Add detail ➤ DTMF

Key in the DTMF tone string.

To use it, make a call. Once the connection is established, select the **DTMF** field and press **OK**.

Editing Options

Add thumbnail/Remove thumbnail, Add detail/Delete detail,Edit label, Exit.

Call an entry

➤ Contacts

Select required entry and press joystick.

If there is more than one number available select the required number from the list.

Press.

View an entry

The view mode shows all fields with information contained in the entry.

Select the required entry and press the joystick

or

Options ➤ Open

Move the joystick to the right to open the image view.

View Mode Options

Call, Create message (SMS, MMS, E-mail), Edit, Delete, Defaults, Add voice tag/Voice tags, Assign shortcut:/Remove shortcut, Ringtone, Copy to SIM ph.book, Send business card (via SMS, via e-mail, via Bluetooth, via infrared), Exit.

Assign default numbers and addresses

If an entry has several phone numbers or e-mail addresses, to speed up calling and sending messages, you can define certain numbers and addresses to be used as default.

Open the entry.

Options ➤ Defaults

In a pop-up window the following options are displayed:

- Phone number
- SMS number
- MMS number/address
- E-mail address

Select an option, then

Press **Assign**. All assigned numbers/addresses are displayed. Select the one you want to have as the default.

Groups

For better handling of large numbers of **Contacts** entries you can assign them to groups. These can also be used as distribution lists for sending short messages or e-mails.

New group

Open Contacts:

 Contacts

Move the joystick to the right to open the Groups list.

Options ➤ **New group**

Write a name for the group.

Press **OK**.

Add members

Open Contacts:

Contacts

Select required entry.

Options ➤ **Add to group**

Select required group (if more than one available).

Add to group: press.

Add multiple members

Open Contacts

Contacts

Move the joystick to the right to open the Groups list. Select and open required group.

Options ➤ **Add members**

Select an entry and press the joystick to mark it. Repeat on all entries you want to add.

Press **OK** to add all marked entries to the group.

Remove members

Open Contacts:

➤ **Contacts**

Move the joystick to the right to open the Groups list. Select and open required group. Then select required entry;

Options ➤ Remove from group

Press **Yes**

or

press button.

Groups Options

Open, New group, Delete, Rename, Ringtone, Contacts info (Memory, Voice tags), Exit

Most relevant functions:

Ringtone

Assign an individual ringtone to the selected group.

Contacts info ➤ Memory

No. of contacts/groups

Contacts info ➤ Voice tags

List of all entries with voice tags. Press **Options** to edit.

Voice Dialling

30 phone numbers can be dialled by simply saying a word e.g. the name of an entry. Voice dialling entries must be stored in the phone's memory (not on the SIM card!).

Some useful hints before using voice dialling:

- Voice tags depend only on the speaker's voice, not a language.
- Beware of loud background noise, voice tags are sensitive to it.
- Use long names for better recognition and differentiation between similar names.
- When using voice dialling, the loudspeaker is in use.

Record

Open **Contacts** and select the required entry.

Open the entry and select the required number.

Options ➤ Add voice tag

 Press **Start**.

Say the name after the starting tone. There are two times training to enter a voice tag. Wait until the name is repeated and automatically saved by the phone.

Press **Quit** if you don't want to save recording.

When the voice tag is saved, a symbol can be seen next to the number in the addressbook entry.

Apply

Long press Voice Dialling key on the side of the phone.

A short signal sounds. Now say the name. The phone answers with the original voice tag and displays the number and name. The number will be dialled after 1.5 seconds.

Press **End call** if you don't want to make this call.

Editing Options

Playback, Delete, Change

Note

To view the list of all defined voice tags:

Open Contacts:

Options ➤ Contacts info ➤ Voice tags

To hear a voice tag, select it:

Options ➤ Playback

Add a ringtone

You can set a specific ringtone for each entry or group. When that entry or group member calls you, this ringtone will be played.

Note

The phone number of the caller must be sent with the call to become recognised (see also **Send my caller ID**, p. 75).

Open **Contacts** and select the required entry. Open the entry

or

move the joystick to the right to open the Groups list.

then

Options ➤ Ringtone

Select required tone.

Press **Select**.

Note

All entries in a group get the same ringtone you assign to the group, even if they had their own one before.

Business Card

You can create an entry as your own business card and transmit it as a message in vCard format via SMS and e-mail or you may transmit it to another device with IrDA or Bluetooth capability.

Open **Contacts** and select your entry.

Options ➤ Send business card

Then select the method:

via SMS, p. 29

via Bluetooth, p. 84

via infrared, p. 87

General

Your phone stores numbers of phone calls for convenient redialling and registers all traffic such as short messages, packet data connections and fax/data calls.

Recent calls

Records ➤ Recent calls

Select required list:

Calls missed

Up to 20 phone numbers of calls that you have received but not answered are stored for call back purposes.

Requirement: The network supports the "Caller Identity" feature

Calls received

Up to 20 phone numbers, or names of the most recently accepted calls are listed.

Requirement: The network supports the "Caller Identity" feature

Dialled numbers

Access to the last 20 numbers you dialled or attempted to call.

Editing Options

After selecting the call list, the following options are available:

Call, Use number, Delete, Clear list, Add to Contacts (Create new, Update existing), Exit

Records list

Records

Move to right to show the total records list.

Icons in the list:

- Missed calls.
- Received calls.
- Dialled numbers.

Records list options

View details, Clear records, Filter, Add to Contacts (Create new, Update existing), Settings, Exit.

Most relevant function:

Use the **Filter** for a customized view of the list.

Call duration

Displays the duration of incoming and outgoing calls.

Available lists:

Last call, Dialled numbers, Calls received, All calls

Note

You can see the call duration during an active call:

Options ➤ Settings ➤ Show call duration ➤ Yes

Call costs

Call costs allows you to check the cost of the last call or all calls.

Call costs limit set by a service provider

Special SIM cards allow the service provider to define a credit or a period after which the phone is barred for outgoing calls.

The number of remaining units is shown during a call and in standby mode. The display of prepaid cards may vary depending on the service provider.

Call costs limit set by yourself

(PIN 2 query)

➤ **Records** ➤ ➤ **Last call units/All calls' cost**

Mark one of them. For activating select:

Options ➤ **Settings** ➤ **Call cost limit** ➤ **On** ➤ **OK**

Enter the limit in units or currency depending on the setting **Show costs in** above.

GPRS data counter

➤ **Records** ➤ **GPRS counter**

Allows you to check the amount of data sent and received during packet data (GPRS) connections.

Records options

The offered functions depend on the current situation/position:

Open, Clear timers, Clear counters, Clear recent calls, Settings, Exit

Most relevant functions:

Clear recent calls:

You can clear **all** recent calls lists.

Settings:

- **Records duration**: No, 1,10 or 30 days.
- **Show call duration** during an active call: **Yes/No**
- **Show costs in** (PIN 2 query): **Currency/Units**
- **Call cost limit** (PIN 2 query): **Off**, **On** (see above).

General

Menu ➤ Messages

Transmit and receive messages via:

- SMS,
- Smart message,
- MMS,
- E-mail,
- Bluetooth or infrared.

Additionally you may receive cell broadcast messages or WAP service messages.

Message options

The offered functions depend on the current situation/position.

Open, Create message (SMS, MMS, E-mail), Connect, SIM messages, Cell broadcast, Service commands, Settings, Exit

New messages

SMS (Short message)

You may transmit and receive very long SMS (up to 760 characters) on your phone, which are automatically composed from several "normal" SMS messages (note the accruing charges).

Depending on the service provider, e-mails and faxes can also be sent or e-mails can be received via SMS (change setting if necessary, p. 37).

Create a short message

Messages ➤ Create message ➤ SMS

To insert recipient in the field **To**:

- Press joystick to open contacts, mark/unmark recipient(s). Press **OK** to return to message. If a recipient offers multiple phone numbers, select one.
- Write the phone number
- Copy the recipient from another application (**Copy**, see p. 18).

Move down to the text field and write text (p. 16).

In the top of the display the message length indicator will show you the number of used characters and SMS.

Send the message:

Options ➤ Send

Save the message (to send it later):

Press **Close** to save message to **Drafts**.

SMS Options

Send, Add recipient, Insert (Picture, Template), Delete, Message details, Sending options (p. 28), Exit.

Smart message

Smart messages are special short messages that can contain data. You can send a business card (vCard, p. 25) or a calendar note (vCalendar, p. 59). You may receive e.g. WAP Service setting informations, a ringing tone or an operator logo.

MMS

The **M**ultimedia **M**essaging **S**ervice enables you to send texts, pictures, sounds and video clips in a combined message to another mobile phone or to an e-mail address. Depending on the setting of your phone, you will automatically receive the complete message or you will receive a notification for a few seconds that shows that a new message is on the server. User has to change the settings to Retrieve immediately to receive the message.

Ask your service provider whether this service is available. You may need to register for this service separately.

Note

Only devices that offer Multimedia Messaging Service can receive multimedia messages.

A multimedia message can have several pages with text, music or pictures included in each page.

Text can be composed using T9 support (p. 16).

An **Image** that has been produced with **Snapshot** or received in a message can be attached. The maximum size of 640x480 pixels is reduced to the size of the display.

A **Sound clip** is sent and received as a AMR file.

A **Video clip** can be recorded with the Camcorder application, located at:

➤ Camera ➤ Video

Further informations about camcorder see: **www.my-siemens.com/sx1**

All items in an MMS are combined in the form of a slide show.

Create a multimedia message

Messages ➤ New message ➤ MMS

To insert recipient in the field **To**:

- Press joystick to open contacts, mark/unmark recipient(s). Press **OK** to return to message.
  If a recipient offers multiple phone numbers or e-mail addresses, select one.
- Write the phone number
- Copy the recipient from another application (**Copy**, see p. 18).

Move down to the text field and write text (p. 16).

To add an image, a sound clip, a video clip and templates to the message:

Options ➤ Insert (Image, Sound clip, Video clip, New image, New sound clip, Template)

To remove the image, the sound clip or video clip from the message:

Options ➤ Remove (Image, Sound clip, Video clip)

To see the complete multimedia message before sending:

Options ➤ Preview message

To see/hear the single objects of the message:

Options ➤ Objects

(In the **Objects** view you are offered other **Options** to arrange, open and remove objects).

Save the message (to send it later):

Press **Close** to save message to **Drafts**.

Send the multimedia message:

Options ➤ Send

or

press call creation key to send the message

MMS Options

Send, Add recipient, Insert, Preview message, Objects, Remove, Delete, Message details, Sending options, Exit.

E-mail

Your phone has its own e-mail client. You can use it to create and receive e-mails. A file from the file system (e.g. ringtone) can be inserted in an e-mail as an attachment.

Create an e-mail

Messages ➤ New message ➤ E-mail

To insert recipient in the field **To**:

- Press joystick to open contacts, mark/unmark recipient(s). Press **OK** to return to message.
  If a recipient offers multiple e-mail addresses, select one,
- Write the e-mail address(es).

Note

Press for @.

Press to separate several recipients with a semicolon.

- To send a copy of the e-mail to someone, insert the address in the field **Cc**:
- In the field **Subject**, enter the header of the e-mail.

Move down to the text field and write text (p. 16).

To add attachments like images, sound clips, video clips, notes and templates to the message:

Options ➤ Insert (Image, Sound clip, Video clip, Note, Template)

To see/hear the single objects of the e-mail:

Options ➤ Attachments

(In the Attachments view you are offered other **Options** to open, insert and remove objects)

Send the e-mail:

Options ➤ Send

(E-mails are automatically transmitted to the Outbox before sending).

Save the message (to send it later):

Press **Close** to save message to **Drafts**.

E-mail Options

Send, Add recipient, Insert, Attachments, Delete, Message details, Sending options, Exit.

Inbox

All received messages are stored in the Inbox (except e-mails, see Mailbox (p. 35) and cell broadcasts (p. 41).

Messages ➤ Inbox

Unread messages are written in bold. The following icons may appear for

- new/read short messages
- new/read smart messages
- new/read multimedia messages
- new/read WAP service messages
- data received via Bluetooth
- data received via infrared
- unknown type

Inbox options

Open, Create message (SMS, MMS, E-mail), Delete, Message details, Move to folder, Mark/Unmark, (Mark, Mark all, Unmark all), Exit.

Viewing a message

Select the required message in the Inbox and press the joystick to open it. Use the joystick to scroll through the message line by line. Move the joystick left/right to show the previous/next message.

View options

The functions offered depend on the opened message type.

SMS and others

Reply

Open the message in the editor with the sender's address in the field **To**:

Forward

Open the message in the editor.

Call

Call the sender (or press).

Delete

Delete message.

Message details

Check detailed information about the message.

Move to folder

Move the message to another folder.

Add to Contacts

With the sender's address, update an existing address entry or create a new one.

Find

Search message for phone numbers, e-mail addresses and Internet addresses (URL).

Exit

Leaves the message menu and goes back to main menu.

Smart messages only

Picture message

Save the picture in a smart message to **Images**. Other objects to save may be:

Ringtone, Operator logo, Calen. entry

Business card

Save the data to Addresses. If a picture is attached, it will be saved to Addresses as well.

Save to bookmarks

Save a bookmark to the list: **Bookmark:**

E-mail notification

Tells you the number of new e-mails in your remote mailbox. For how to read an e-mail, see **Mailbox**.

Service data

If service data are received, copy them with the relevant function: **Save to e-mail sett.**, **Save to SMS sett.**, **Save to Voice mail**, etc.

Multimedia messages only

View image

Shows an attached image.

Play sound clip

While playing, move joystick right/left to increase/decrease volume. Press **Stop** to stop the audio playback.

Play video clip

Plays an attached video clip.

Objects

List all the different multimedia objects in a multimedia message. In the **Objects** view you are offered more **Options** to open, save and send objects.

Note

Beware of viruses and harmful software. Do not open attachments from dubious senders. See also Certificate management (p. 79).

WAP messages

The message may contain bookmarks and/or access point information. To save both, select **Save all**. To save them separately, select **View details**. Then select **Save to bookmarks** or **Save to Settings**.

WAP service messages

Your provider may offer "push messages" which are notifications of news headlines or services. For availability and subscription details, ask your service provider.

A WAP service message may contain text or addresses. To view or download the service select **Download message**. If necessary, the phone makes a data connection.

My folders

Messages ➤ My folders

Organise your messages in folders. You may create new folders, rename or delete old ones.

Templates is a special kind of folder which contains fixed phrases. There you can add new templates for later use in your messages.

Note

When you are looking inside a folder, you can simply change to other folders by moving the joystick left/right.

My folders options

Open, Create message (SMS, MMS, E-mail), Delete, New folder, Rename folder*, Exit.

* Not available for **Templates** folder.

Mailbox

Messages ➤ Mailbox

Connecting to the mailbox

Options ➤ Connect

If you have not set up your e-mail account, you will be prompted to do so; see **Settings** (p. 40).

Yes	Connect to your mailbox.
No	Read the e-mails stored in your phone off-line.

Disconnect from the mailbox

After retrieving your e-mail you should disconnect and read your messages off-line to save connection costs.

Mailbox options

The functions offered depend on your on-line or offline status.

Open, Create message (SMS, MMS, E-mail), Connect/Disconnect, Retrieve e-mail (New, Selected, All), Delete, Message details, Copy to folder, Mark/Unmark, (Mark, Mark all, Unmark all), Exit.

Read new e-mail

Before an e-mail can be read, it should be retrieved from the server. The service provider is dialled with the set access profile and all/new e-mails are transmitted to the mailbox list in your phone.

Options ➤ Retrieve e-mail

New	Retrieve only new unread e-mails.
All	Retrieve all e-mails from your remote mailbox.
Selected	Use the Mark/Unmark function to select the required e-mails.

To read an e-mail, select the required message in the list and press the joystick to open it.

Note

Before getting the latest e-mail you must always reconnect to your mailbox.

Delete e-mail

You may delete e-mail from the phone only or from the phone **and** the remote mailbox on the server:

Options ➤ Delete ➤ Phone only

or

Options ➤ Delete ➤ Phone and server

View e-mail options

Reply (To sender, To all), Forward, Delete, Attachments, Message details, Move to folder, Add to Contacts (Create new, Update existing), Find, Exit.

E-mail attachments

If an e-mail has indicated this attachment sign, select.

Options ➤ Attachments

In the attachment view, you may retrieve, open or save attachments separately, if any corresponding application is available.

Note

Beware of viruses and harmful software. Do not open attachments from suspicious senders. See also Certificate management (p. 79).

Retrieve attachments

Your mailbox may be setup not to receive attachments automatically. This is indicated by a dimmed attachment indicator in the e-mail.

To receive the attachment:

Options ➤ Retrieve e-mail

Open attachments

In the attachment view, select the required attachment and press the joystick to open it.

On-line

The attachment is retrieved from the server and opened by the corresponding application.

Off-line

You can decide whether to connect to retrieve the attachment.

Note

If using the
- IMAP 4 protocol, you may receive e-mail headers, messages or messages with attachments separately,
- POP 3 protocol, you may decide to receive headers only, or messages with attachments included.

Save attachments

You can save attachments separately from the e-mail in the corresponding application:

Options ➤ Save

View attachment options

Open, Retrieve, Save, Send (via Bluetooth, via infrared), Remove, Exit.

Drafts

Messages ➤ Drafts

This folder contains messages which have not yet been sent.

Sent

Messages ➤ Sent

This folder contains the last 15 messages which have been sent (to change no. of stored messages, see p. 42).

Outbox

Messages ➤ Outbox

Messages are temporarily stored in this folder until they are sent.

Status of the messages:

Sending

The message is being sent.

Waiting

This message is waiting, if there are two similar message types in the Outbox for sending.

Resend at ...

If transmission has failed, the procedure will be repeated after a timeout period.

Deferred

This message is on hold.

Failed

If the maximum number of unsuccessful transmission attempts has been reached, transmission has failed. You can try to send the message again by selecting **Options ➤ Send**.

Queued

Happens when user sends an email and is not online at this time.

Outbox options

Create message (SMS, MMS, E-mail), Deferred, Delete, Message details, Send, Move to Drafts, Exit.

Reports

Messages ➤ Reports

All messages required for status information are collected in this folder, e.g. a confirmation required by **Receive report** (p. 37). Each recipient has his own report.

Settings

Select required message type and press the joystick.

SMS

Messages ➤ Options ➤ Settings ➤ SMS

Message centres

Shows a list of all defined message centres (to add a new entry see p. 38).

Msg. centre in use

Select the message centre you will use for messaging.

Receive report

You are given confirmation of the successful or unsuccessful delivery of a sent message in the **Records**. This service may be subject to a charge.

Message validity

Select the period in which the service centre tries to deliver the message:

1 hour, 6 hours, 24 hours, 3 days, 1 week, Maximum time *

*) Maximum period that the service provider permits.

Message sent as

Make sure that your service provider supports the conversion formats (for information please contact your service provider).

Text

Normal SMS message.

Fax

Transmission via SMS.

Paging

You may need to obtain the required code number from your service provider.

E-mail

Transmission via SMS.

Preferred connection

You can choose between **GSM** or **GPRS** as default, if supported by the used network.

Reply via same ctr.

The reply to your message is handled via your service centre (for information please contact your service provider).

SMS options

Message centre, Edit, Delete, Exit.

Add recipient, Insert (Picture, Template), Delete, Message details, Sending options, Exit.

Most relevant functions:

Message centres ➤ Options ➤ New msg. centre

Press the joystick, write a name for the new service centre, then press **OK**.

Move joystick down and press it. Write the number of the new short message centre, then press **OK** (get the number from your provider).

To use the new service centre go to **Msg. centre in use** and select it.

MMS

Messages ➤ Options ➤ Settings ➤ MMS

Preferred connection

Select the access point to be used as the preferred connection. To define a new access point, see **Settings** p. 76.

Secondary conn.

Select the access point to be used as the secondary connection.

Note

Both connections (preferred and secondary) refer to the same Internet settings. Only the data connection is different, e.g. GSM data call as preferred and GPRS as secondary. For further information please contact your service provider.

MMS reception

Only in home net.

You will receive multimedia messages only when you are in your home network.

Always on

You will always receive multimedia messages.

Off

Select if you never want to receive multimedia messages.

Note

Sending and receiving multimedia messages outside your home network may incur higher connection costs.

With settings **Only in home net.** and **Always on** your phone can make connections in the background without your knowledge!

For minimize the risk you can modify the receiving functions, see below.

On receiving msg.

Retr. immediately

Multimedia messages will be retrieved instantly, even those with the **Deferred** status.

Defer retrieval

Multimedia messages will be saved in the service centre for later transfer (see **Retr. immediately**).

Reject message

All saved multimedia messages will be deleted by the service centre.

Allow anon. messages

Select **No**: Reject all messages from an anonymous sender.

Receive adverts

Receive all multimedia message advertisements.

Receive report

If this function is activated, the status of a sent message is shown in the **Records** as **Pending**, **Failed** or **Delivered**. Otherwise only **Delivered** is shown.

Deny report sending

Your phone will not send delivery reports of received multimedia messages.

Message validity

Select the period in which the service centre tries to deliver the multimedia message:

1 hour, 6 hours, 24 hours, 3 days, 1 week, Maximum time *

*) Maximum period that the service provider permits.

Image size

You can define the image size in a multimedia message:

Large (640 x 480 pixels, VGA)

Small (160 x 120 pixels)

Default speaker

Handsfree

Sounds are played over the built-in loudspeaker, p. 15.

Handset

Sounds are played over the earpiece.

E-mail

Messages ➤ Options ➤ Settings ➤ E-mail

To show the list of all mailboxes:

Mailboxes Press.

To define a new mailbox:

Options ➤ New mailbox

Mailbox name

Write a name for the new mailbox.

Access point in use

Choose an Internet access point from the list (to create an access point, see p. 76).

My mail address

Write the e-mail address given to you by your provider (Press for @).

Outgoing mail server

Write the host name or the IP address of the server that sends your e-mail.

Send message

During next conn.

The e-mail will be sent the next time you connect to your remote mailbox.

Immediately

If you select **Send message** after writing your e-mail, a connection will be established to send the e-mail instantly.

Send copy to self

You will get a copy of every sent e-mail on your mail address as defined above.

Include signature

Write the signature after pressing **Yes**. In future a signature will be attached to each mail you send.

User name

Write the user name given to you by your provider.

Password

Key in your password. If you don't do so, you will be prompted for it every time you want to connect to your remote mailbox.

Incoming mail server

Write the host name or the IP address of the server that receives your e-mail.

Mailbox type

POP3 or **IMAP4**.

> **Note**
> The mailbox type cannot be changed after the e-mail settings are saved.

Security

On or **Off**. Secure the connection to your remote mailbox with protocols POP3, IMAP4 and SMTP.

Retrieve attachment

You can retrieve an e-mail with or without an attachment (not shown if e-mail protocol POP3 is set).

Retrieve headers

You can limit the number of headers you want to retrieve. Select **All** or define by yourself (max. 999).

WAP service message

Messages ➤ Options ➤ Settings ➤ Service msg.

Service messages

On or **Off**. Receive WAP service messages or not.

Authentic. needed

You will receive WAP service messages only from authorised sources (p. 79).

Cell broadcast

Messages ➤ Options ➤ Cell broadcast

Some service providers offer information services (info channels). If reception is activated, your "Topic list" will supply you with messages on the activated topics.

In the main view the following is displayed:

- Unread, subscribed message.
- Unread, unsubscribed message.
- Topic number
- Topic name

> **Note**
> If GPRS connection is set to **When available**, cell broadcast messages cannot be received. To receive them, change settings to **When needed**.

Settings

Reception

On/Off You can activate and deactivate the CB service. If the CB service is activated, the standby time of the phone will be reduced.

Language

All You receive messages in all possible languages

Selected You can choose in which languages you want to receive messages.

Other Choose if the required language is not in the list.

Topic detection

On/Off Save/do not save topic numbers automatically to the topic list.

Cell broadcast options

Open, Subscribe/Unsubscribe, Hotmark/Unhotmark, Topic (Add manually, Delete all), Settings, Exit.

Other

Save sent messages

A copy of a sent short message, multimedia message or e-mail is stored in the **Sent** folder.

No. of saved msgs.

Key in a number defining how many messages will be stored in the **Sent** folder (max. 999). When the limit is reached, the oldest message is deleted.

SIM messages

Messages ➤ Options ➤ SIM messages

To view SIM messages on the phone, they must be copied from the SIM card into a folder.

Options ➤ Mark/Unmark ➤ (Mark, Mark all, Unmark all)

then

Options ➤ Copy

Select the required folder and press **OK**.

Afterwards you can view the messages in this folder p. 32.

Options ➤ Delete

Delete message(s) from the SIM card.

Service commands

You may send service commands (known as USSD commands), to your service provider.

To send a request in standby mode or when you have an active call:

Key in the command number (s) and press **Send**

or

to enter letters also select

Messages ➤ Options ➤ Service commands

Your service provider will supply you with further information about this.

General

Menu ➤ Internet

Get the latest information from the Internet that is specifically adapted to the display options of your phone. In addition you can download games and applications to your phone. Internet access may require registration with the service provider.

Settings

Default settings

The settings have already been made by your service provider. Then you may begin immediately.

Setup via short message

You may request and receive settings in a short message from your provider (p. 35, p. 76). Save the short message (smart message) to prepare the phone for Internet access, after which an access bookmark will be created in **Internet** ➤ **Bookmarks**.

Manual setup

The access point can be set manually.

- Define a WAP access point (see p. 76 for further information):

Settings ➤ **Settings** ➤ **Access points**

- Add a bookmark for the website. Open **Internet**, then

Options ➤ **Add bookmark**

Write name and address of the website and select the access point.

If necessary, check with your service provider for details.

Bookmarks view

This list contains bookmarks which allow fast access to the relevant URLs (Uniform Resource Locator).

Bookmarks may be indicated by the following icons:

Home page. This is displayed first after connection is established. Depends on the access point used (p. 76).

Last visited page. The last page displayed before disconnection is kept in memory.

Title or Internet address of the bookmark.

Adding a bookmark manually

Options ➤ Add bookmark

Fill in the fields:

Name Describing name of URL.

Address Internet address. Press * for special characters.

Access point
Default access point is assigned if no other one is selected.

User name Enter your user name

Password Enter your password

Options ➤ Save as bookmark

Bookmark view options

Main view

Download, Back to page, Send (via SMS, via Bluetooth, via infrared), Find bookmark, Add bookmark, Disconnect, New folder, Mark/Unmark (Mark, Mark all, Unmark all), Clear cache, Details (Session, Security), Settings, Exit.

Within a bookmark

Open, Bookmarks, History, Go to URL address, Save as bookmark, Back to page, Save as bookmark (via SMS), Reload, Disconnect, Clear cache, Save page, Find (Phone number, E-mail address, URL address), Details (Session, Security), Settings, Exit.

Most relevant functions:

Back to page

To open the Bookmarks view while browsing, press and hold down the joystick. To return to the browser view again:

Back to page
Select.

Send

Send a selected bookmark as short message.

Clear cache

All the information you have accessed during browsing is stored in the cache memory. This includes passwords and other confidential data. So clear the cache after you have accessed confidential information.

WAP connection

Internet

Starting

If all required settings are entered, you can start browsing:

- Select the Homepage of your provider or a bookmark from the bookmarks view

or

- enter a WAP address using keys 2 to 9. The **Go to** field is immediately activated to take your entries.

Press the joystick to start downloading the selected/written WAP page.

Browser

Keys and commands

- To scroll the view, move the joystick up and down
- To open a link, press the joystick. New links appear underlined in blue, visited links in purple. Links as an image have a border.
- To enter letters and numbers use keys 0 to 9. For special characters use the * key.
- To show the previous page press **Back**.
- To show a list of the visited pages of the current session: **Options** ➤ **History**
- To check boxes and make selections, press joystick.
- To open the contents of a cell in a table, press joystick.
- To retrieve the latest contents from the server: **Options** ➤ **Reload**
- To open an additional command list for the current WAP page: **Options** ➤ **Internet options**
- press, to disconnect from a WAP service.

View new WAP service messages

To view new messages while browsing:

Options ➤ New service msgs:

Scroll to the required message and press the joystick to download and open it.

Save bookmarks

To save the current WAP page as a bookmark:

Options ➤ Save as bookmark

Save WAP pages

To view a WAP page off-line, you can save it to the phone memory.

Options ➤ Save page

To open the Saved pages list, move the joystick right in the Bookmarks view. To open a saved page, select the required page and press the joystick. If you want to retrieve the page on-line again, e.g. to refresh the content:

Options ➤ Reload

Note

You stay on-line after retrieving a page.

You can arrange saved WAP pages into folders.

End

To end a WAP session and disconnect:

Options ➤ Disconnect

or

Press.

WAP browser settings

➤ Internet ➤ Options ➤ Settings

Default access point

Press the joystick to get a list of available access points. See also **Settings**, p. 76.

Show images

Show images during browsing or not. If **No** is selected, you can view images during browsing by **Options ➤ Show images**.

Text wrapping

If **On** is set long text will be continued in the next line, otherwise it will be truncated at the end.

Font size

Choose between **Large**, **Normal** and **Small**.

Cookies

Allow or **Reject** the sending and receiving of cookies.

Conf. DTMF sending

Choose between **Always** and **First time only**.

The WAP browser allows you to let a call include sending DTMF tones during browsing. Choose if you want to confirm before the phone sends DTMF tones during a voice call.

Save receipt

Digitally signed documents can be saved to the phone.

Connection security

If the security indicator is displayed during a WAP session, data transmission between phone and WAP gateway is secure and encrypted.

Note

This does not mean that communication between phone and content server (where the requested resource is stored) is secure. It's up to the service provider to secure the path between gateway and content server.

Snapshot

Menu ➤ Camera ➤ Snapshot

You can take photographs with the integrated digital camera in the phone.

The camera uses JPEG as standardised image format, which can be viewed with most available image viewers.

Press the Snapshot key on the side of the phone to start the Snapshot application. The display shows the current view.

Take a snapshot

Press the camera key or the joystick to take a picture of the current view. It will be saved automatically in the **Images** application, p. 51.

To prepare the next shot, wait until the last picture is stored. This takes a few seconds.

Press **Options** ➤ **Delete**

or

C if the picture does not match your intentions.

Snapshot modes

The camera supports three modes. Move the joystick left/right to toggle between them.

Miniature

Standard

Full screen

Miniature

Small icon-sized picture, which can be added to an addressbook entry.

Shown resolution 80 x 96 pixels, storage format 80 x 96 pixels.

Standard

Normal landscape mode. Shown resolution 160 x 120 pixels, storage format 160 x 120 pixels.

Full screen

Advanced landscape without panes around the picture.

Shown resolution 160 x 208 pixels, storage format 480 x 640 pixels.

Snapshot options

The offered functions depend on the current situation.

After taking a picture (camera never enters standby in this mode):

New image, Delete, Send (via MMS, via e-mail, via Bluetooth, via infrared), Rename image, Image fun, Go to Images, Settings, Exit.

Before taking a picture:

Capture, Go to Images, Settings, Exit.

Before taking a picture, with camera in standby mode:

Continue, Go to Images, Settings, Exit.

Most relevant functions:

Options ➤ Go to Images

Opens the Images application, where you can view your photos.

Images are scaled to the phone's display resolution (max. 208 x 160 pixels in full screen mode).

For further information about viewing pictures, see p. 51.

Options ➤ Settings ➤ Image quality

The camera supports three modes: **High**, **Normal**, **Basic**.

Options ➤ Settings ➤ Default image name

You can set a standard name for taken pictures to which a serial number is added for each new snapshot. The default name is "**Image**".

Rename the images later in the **Images** application as you like.

Options ➤ Settings ➤ Memory in use

Store taken pictures in the phone's memory or on an optional MultiMediaCard (p. 65).

Images

Camera ➤ Images

You can view, organise and send pictures or animations stored in your phone.

This includes pictures

- made by the Camera application,
- received in your inbox via multimedia/picture message, as an e-mail attachment or via infrared or Bluetooth connection. In these cases you must save the picture after receiving it,
- Support for jpg, BMP, animated GIF's and other popular formats.

In the Images main view, you can see a list of pictures and folders with

- the date and time of shot or storage,
- a thumbnail picture as preview,
- the number of images inside a folder.

View the other images in the list by moving the joystick left/right when an image is open.

View images

You can store pictures in your phone memory or on an optional MultiMediaCard. To toggle between the two memory storage spaces, turn the joystick left or right.

Select the required image in the image list by moving the joystick up and down.

Open an image by pressing the joystick.

Receive images

Images can be received via multimedia/picture message, as an e-mail attachment or via infrared or Bluetooth connection.

When saved, they are stored in the phone memory and appear in the **Images** list.

Send images

Options ➤ Send

Send the selected image with one of the following messaging services:

via MMS, p. 29

via e-mail, p. 31

via Bluetooth, p. 84

via infrared, p. 87

Rotate

Options ➤ Rotate ➤ Left/Right

Rotates the image 90 degrees to the left or to the right.

To save last view:

Press **Back** and confirm with **Yes**.

Zoom

Options ➤ Zoom in/Zoom out

When an image is displayed you can zoom in up to 800 percent.

Press **Back**, to return to normal size.

The zoom factor is not stored permanently.

Full screen

Options ➤ Full screen

The whole display is used to show the image.

Press the joystick to return to normal view.

Focus

When an image is zoomed or shown in full screen mode, you can move the focus with the joystick to left/right and up/down.

Press the joystick to return to normal view.

Black & white

Options ➤ Black & white

Displays the opened image only in black and white to use it for picture messages (p. 53).

Edit with Image fun

Options ➤ Image fun

Opens the Image fun application with additional functionality for editing the image. For further information about **Image fun** see:

www.my-siemens.com/sx1

Delete images

Options ➤ Delete

Delete the selected image(s).

Wallpaper

Options ➤ Wallpaper

Set the current image as background image for the idle state.

Rename images

Options ➤ Rename

Give the selected image a new name.

View details

Options ➤ View details

Shows detailed information about the current image.

Images list options

Open, Send (via MMS, via e-mail, via Bluetooth, via infrared), Image uploader (Settings), Delete, Move to folder, New folder, Mark/Unmark, (Mark, Mark all, Unmark all), Rename, Receive via infrared, View details, Add to Favourites, Update thumbnails, Exit.

Most relevant function:

Receive via infrared

Only from a digital camera that supports the IrTran-P protocol, otherwise use the infrared application, p. 87.

Note

You may use an optional MultiMediaCard as a supplementary storage area (p. 65).

Viewing the memory consumption, see p. 91.

Shortcuts

Use these shortcuts for work with images:

2 7	Rotate left/right 90 degrees
3 8	Scroll left and right
9 0	Scroll up and down
4 5	Zoom in and out
*	Toggle between full screen and normal view.

Picture message folder

Pictures which are sent to you in a picture message are stored in the folder **Picture msgs.**.

The stored black & white pictures are displayed in grid form. They are sorted in the order of time when received, then alphabetically.

Select the required image in the image list by moving the joystick up/down and left/right.

Open an image by pressing the joystick.

View the other images in the list by moving the joystick left/right when an image is open.

To save a received image go to

➤ **Messages**

open the message, then

Options ➤ Save

See also Smart messages (p. 33).

Send picture messages

To send a picture message, select the required image and open it:

Press and enter the recipient's number, or use the addresses.

Press again.

Radio

Music ➤ Radio

You can listen to the radio and store the frequencies of your favourite channels. For FM radio you will need the stereo headset which also works as an antenna. When the radio is switched on first, you have to search and store your favourite stations.

Quick start with Auto Scan

Options ➤ Auto scan

Press Update and the entire band will be searched automatically and the 6 strongest stations will be stored on the shortcut keys.

Press Back to leave Auto scan.

How to search for a station

Step by step

Press the joystick up/down and the next station will be found.

Manual tuning

Options ➤ Manual tuning

Move the joystick up/down to search the band by steps of 100 kHz

or

press Edit to enter a frequency directly, and confirm with OK.

How to store a station

When a frequency is shown in the middle of the display, store it by:

Long press on the required shortcut key (3, 4, 5, 8, 9, 0).

or

Options ➤ Store

Use joystick to select the required shortcut key then press the joystick.

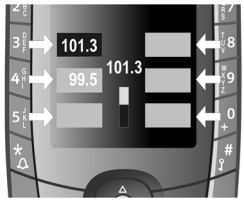
Settings

Scan threshold: High, Medium, Low

FM mode: Stereo, Mono

Audio: Loudspeaker, Headset

How to play a station



Use the number keys 3, 4, 5 and 8, 9, 0 as shortcuts to your favourites.

FM Radio Options

Store, Auto scan, Manual tuning, Edit name, Delete, Settings, Exit.

Most relevant options:

Edit name Enter a name instead of the stations frequency.

Delete Delete a stored station from the current active shortcut key.

or

press C button.

Press the Push-to-Talk key of the stereo headset to mute and unmute the Radio.

MP3 Player

The MP 3 player is able to play MP 3 songs that are stored on an optional MultiMediaCard.

The MP3 files should be located in the directory \MP3 on the optional MultiMediaCard.

You can copy MP3 songs from your PC to a MultiMediaCard by using two different ways:

1. Attach a MultiMediaCard reader to the PC and copy files to the Multi-MediaCard.

2.Connect the SX 1 with the PC (using Bluetooth, Infrared or the optional USB cable).
Using the Siemens PC Data Suite software you may copy MP3 files from your PC to the optional Multi-MediaCard in the phone.

MP3 playback can be muted and umuted by pressing the Push-to-Talk key of the stereo headset.

Calendar

Menu ➤ Organiser ➤ Calendar

You can enter appointments, meetings and other tasks in the Calendar. Additionally you can set an alarm for every entry.

Calendar offers a

- **Month view**,
- **Week view**,
- **Day view**.

Time and date must be set for the Calendar to work properly (p. 78).

Creating an entry

Options ➤ New entry

The following types of entry are offered:

Meeting Appointment with specific date and time.

Memo General entry for the day.

Anniversary Reminder of special dates like birthdays. These entries are repeated every year.

Fill in the following fields (depending on the selected type):

Subject, Subject, Occasion

Description of the event.

Location Meeting place.

Start time, **End time** and **Start date**, **End date**

Type in time and date, switch between AM and PM by pressing any key.

Alarm When switched on, the fields **Alarm time** and **Alarm date** appear. Key in time/ date if required.

Repeat Select the required period for repetition:

Not repeated, **Daily**, **Weekly**, **Fortnightly**, **Monthly**, **Yearly**

Repeat until

Limit the repetition period for the set alarm.

Synchronisation

It is possible to synchronise your Calendar with your PC.

Private The entry can only be seen by you.

Public The entry can seen by others who have access to your on-line Calendar e.g. at your work computer.

None No synchronisation occurs.

Calendar views

Icons used in day and week view:

Meeting

Memo

Anniversary

Day view

The entries of the current day are displayed in chronological order. Memos and Anniversaries are placed at the top of the list.

To display/edit an entry, select it and press the joystick.

To see the next/previous day move the joystick to the right/left.

Week view

The days of the week are displayed in seven columns. Today's day is underlined. Memos and Anniversaries are placed before 8 o'clock. Meetings are displayed with coloured bars indicating the time span.

For the day view of an entry, select a coloured cell and press the joystick. Then open the entry as in day view.

Month view

The weeks of the month are displayed in a row. Today's date is underlined. Dates with entries are marked with a small triangle. The currently selected date is marked by a frame.

For the day view of an entry, select the date and press the joystick.

Calendar options

Depends on the current situation.

Open, New entry (Meeting, Memo, Anniversary), Week view/Month view, Delete entry, Go to date, Send, Settings, Exit.

Most relevant functions:

Go to date
To go to a specific date, key in the date and press **OK**.

Delete entry
Choose between: **Before date**, **All entries**

Send You can send a selected entry from day view in vCalendar format:

via SMS, p. 28

via Bluetooth, p. 84

via infrared, p. 87

Calendar setup

Options ➤ Settings

Default view

The view which is shown when the Calendar is opened. Choose from:

Month view

Week view

Day view

Week starts on

Select starting day of the week view.

Week view title

If starting day of the week is not Monday, this option is not displayed in the Settings.

Choose from:

Week number

Week dates

Tasks

Organiser ➤ Tasks

Keep a list of things you have to do.

New note

To write a new note:

Options ➤ New task note

or

press any key **1** to **0**. The editor opens with the letter you have keyed in.

Fill in the following fields:

Subject

Description of the task you want to do.

Due date

Set the due date for the task.

Priority

Choose from:

Low, Normal, High

Press **Done**, to save the task.

Priority icons		Status icons	
!	High.		Task done.
-	Low.		Task to do.
(None)	Normal.		

Task Options

Open, New task note, Delete, Mark as done, Exit.

Today

Menu ➤ Organiser ➤ Today

Keeps the list of entries in the calendar and other current day events.

Memos, Anniversary and Meetings are placed at the top of the list, followed by the number of tasks and messages.

Today options

The available today options are depending on the current situation. The following options are available if no entry is selected.

Go to (Calendar, Tasks, Inbox, Records), Create message (Short message, MMS, E-mail), Settings (Show tasks, Show meetings, Sort order), About, Exit.

Notes

Menu ➤ Organiser ➤ Notes

Use Notes to write short memos and send them to other devices.

Received text files in TXT format can be saved to Notes.

Write a note

Press any key to start writing.

Press **Done** to save the note.

Notes options

Open, Send (via SMS, via MMS, via Bluetooth, via infrared), New note, Delete, Mark/Unmark (Mark, Mark all, Unmark all), Add to Favourites, Exit.

Voice memo

- Use your phone as a dictating machine when on the move.
- Record a memo as a reminder or as a reminder for yourself or others.
- Record a call - useful for remembering numbers or addresses (both parties will hear a beep every 5 seconds).

Note

The use of this feature may be subject to restrictions under criminal law or other legal provisions.

Please inform the other party to the conversation in advance if you want to record the conversation and please keep such recordings confidential.

You may only use this feature if the other party to the conversation agrees.

New recording

Options ➤ Record sound clip

Press **Select** to start recording.

Use the following keys to control recording:

▶	**Play**
■	**Stop**
●	**Record**
▶▶	**Fast forward**
◀◀	**Fast rewind**

Record options

Open, Record sound clip, Delete, Move to phone mem, Move to mem. card*, Mark/ Unmark, (Mark, Mark all, Unmark all), Rename sound clip, Send (via SMS, via MMS, via Bluetooth, via infrared), Add to Favourites, Settings, Exit.

Calculator

Organiser ➤ Calculator

Enter number (up to 8 digits).

Select a calculator function: **+, -, x, ÷**

Enter a second number (up to 8 digits).

Select **=** and press joystick to display the result

or

repeat procedure with other numbers.

Note

#	Set decimal point.
*	Scroll through basic functions.
C	Short press: Clears digit. Long press: Clears the entire number.
±	Toggle between "+" and "-".
MS	Save the number displayed to memory.
MR	Retrieve the number saved.
⌄⌃	View previous calculations and move in the sheet.

Calculator options

Last result, Memory (Save, Recall, Clear), Clear screen, Exit.

* Only if a memory card is inserted

Converter

Menu ➤ Organiser ➤ Converter

You can convert some units of measure from one type to another. The following types are available:

Type	Units
Velocity	Knots, Kilometres/h, Metres/sec, Miles/hour, Feet/second
Energy	Calories, Kilocalories, Joules, Kilojoules, Hp-hours, Kilowatt-hrs, Electronvolts
Mass	Ounces, Pounds, Stones, Milligrams, Grams, Kilograms, Metric tons
Pressure	Pascals, mm Hg, Atmospheres, Bars
Time	Seconds, Minutes, Hours, Days, Weeks
Volume	Pints (UK), Fluid oz (UK), Gallons (UK), Gallons (US), Liq. pt (US), Dry pt (US), Liq. oz (US), Gallons (US), Barrels, Millilitres, Litres, Cubic mm, Cubic cm, Cubic metres, Cubic inches, Cubic feet
Area	Square in, Square feet, Square yd, Square miles, Square mm, Square cm, Square m, Square km, Acres, Ares, Hectares
Length	Millimetres, Centimetres, Metres, Kilometres, Inches, Feet, Yards, Miles, Naut. miles
Power	Horsepower, Watts, Kilowatts
Temperature	Fahrenheit, Kelvin, Celsius
Currency	See note below.

Currency settings

First you have to choose a base currency and add exchange rates.

Select the type **Currency**, then

Options ➤ Currency rates

Select your required base currency from the list, then

Options ➤ Set as base curr.

Note

When you change the base currency, all previously set rates will be cleared.

The rate of the base currency is always 1.

Once the base rate is set, add all the exchange rates you need:

Scroll to the currency, key in the current exchange rate to your base currency. Proceed until all required currencies are added.

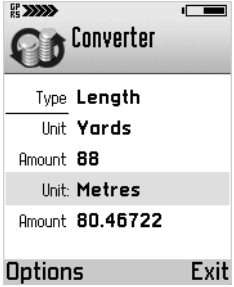
Convert

Select the required unit of measure in the **Type** field or press the joystick to see the available measures.

Select the unit from which you want to convert in the **Unit** field or press the joystick to see the available units.

In the **Amount** field key in the amount you want to convert. Select the unit you want to convert to in the second **Unit** field or press the joystick to see the available units.

The other **Amount** field automatically shows the result of the conversion.



Note

Set decimal point.

Toggle between + and - and E (exponent).

Converter options

Select unit, Change currency, Conversion type, Currency rates, Exit.

File Manager

Extras ➤ File Manager

Use the phone's file manager like a PC file manager to organise your internal (phone memory) and external (MultiMediaCard, optional) storage.

On the MultiMediaCard you can store files such as images, messages, sounds and any type of applications.

File and folder handling

You can **Move**, **Copy**, **Delete** a single or several marked files.

The following functions are available when **no** file or folder is marked:

Open a file with the corresponding application to see its **Properties**, or to **Rename**, **Move** or **Copy** it.

File and folder options

Open, Move, Copy, Delete, Properties, Rename, Exit.

Folder navigation

To navigate between the folder levels, move the joystick left/right.

Search modes

There are three search modes available.

Enter one character (invisible) and the selection will be positioned at the first matching entry.

Options ➤ Search ➤ Goto

Enter a search string and the matching list will be shown.

Options ➤ Search ➤ Filter

Enter a search string and a list of all matching entries will be shown.

Sort modes

Set sort criteria:

Ascending, Descending, Sort by name, Sort by date, Sort by type, Sort by size.

Send

The phone offers several methods of sending files via different transmission routes. Only available when a file is selected. For further information see the respective application:

via MMS, p. 29

via Bluetooth, p. 84

via infrared, p. 87

MultiMediaCard

Memory functions

Manage your memory card and view relevant details.

Backup phone mem.

Updates your phone memory on the MultiMediaCard.

You can restore safed data from a backup you have made before by using the **Restore from card** option.

Memory card name

Define a name for the multimedia card.

Format memory card

It is necessary to format your multimedia card before first use.

Set password

Use a password to protect access to a special multimedia card. After the password is set, the multimedia card is locked. Not supported by all multimedia cards.

Remove password

Remove password protection from multimedia card.

Unlock memory card

You must enter the correct password to unlock the MultiMediaCard.

Memory details

Display details for the multimedia card and internal phone memory, e.g. the name, the total capacity, free and used memory and whether it is password protected.

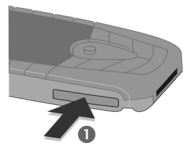
General File manager options

New folder, File, Search, Mark/Unmark, Send, Sort by/order, Memory functions, Exit.

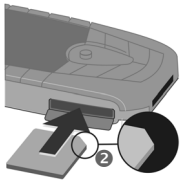
Insert MultiMediaCard (optional)

You may use an optional MultiMediaCard as a supplementary storage area. To insert it into the phone:

- Open the battery lid on the backside of the phone (p. 6) to unlock the MultiMediaCard lid.
- Push onto MultiMediaCard lid to open it ❶.



- Put MultiMediaCard into the slot. The contacts on the MultiMediaCard must show down and to the slot. Make sure the angled corner is in the correct position ❷.



- Close MultiMediaCard lid until it engages.

Note

For replacing the MultiMediaCard you must activate the option **Swap memory card** in order to protect the data on the card.

Java applications

Extras
Java applications

Install

You can get installation files via

- Bluetooth, Infrared from a computer or phone
- multimedia message or as an e-mail attachment
- download during a WAP session.

Look at possible applications e.g. Inbox for an installation file, select it and press the joystick to start installation.

Yes Press to confirm.

A list appears, in which you can select the root or any existing folder as destination for the new application.

During installation, the phone checks the integrity of the software package to be installed. Information about the checks are displayed, with the option to cancel the installation.

The phone informs you when the installation is finished. After that the destination folder will be opened and the installed application will be highlighted.

Note

Do not install software from sources without adequate protection against viruses and other harmful software.

The phone only supports J2ME™ Java applications. Do not download Personal Java™ applications as they cannot be installed.

You can download and install an application immediately during a WAP session. Note that the WAP connection is left running in the background during installation.

You can only install files with the extension *.JAD or *.JAR.

Glossary

JAR file (Java archive): This file includes the executable application. When a JAR file is activated, the application is started.

JAD file (Java descriptor): These files contain information on the application (JAR file) and their address for downloading. When a JAD file is activated, the connection to the Internet is established and the executable application is loaded.

Installation options

In the **Java applications** you will see the list of all installed applications. Yo can use the following options:

Install, View details, Delete, Settings, Exit.

Note

You may use an optional MultiMediaCard as a supplementary storage area (p. 65).

View the memory consumption, see p. 91

Uninstall

In the **Java applications** select the desired application:

Options ➤ Remove

Open a Java™ application

Select the required application and press the joystick.

Java™ application options

View details

To get information about an application, select it:

Options ➤ View details

You will see:

Status	**Installed**, **Running** or **Downloaded** (only in Download view).
Version	Application version number.
Supplier	Supplier or manufacturer of the application.
Size	The size in kilobytes.
Type	Brief description of the application.
URL	Address of an information/help page on the Internet.
Data	Size of application data, e.g. high scores, in kilobytes.
Memory	Where the application is stored: in the phone's memory or on an optional MultiMediaCard (p. 65).

Settings

Define a default access point for downloading missing application components. For how to create an access point, see p. 76.

Assign an access point to an application, select the application, then:

Options ➤ Settings ➤ Default access point

Select an access point to be used by the application for downloading additional data (p. 76).

Options ➤ Settings ➤ Network connection

Some Java™ applications may require a data connection to be made to a defined access point. You will be asked for an access point if none has been selected. The options are:

Allowed A connection is established without notification.

Ask first You will be asked before the application creates a connection.

Not allowed No connection is allowed.

Further options

Only available, when the JAD file contains an URL address.

Go to URL address

A data connection will be established to get additional information about the application.

Update

A data connection will be established to check if there is an update available.

Symbian and Java™ applications

Siemens excludes all warranty and liability claims in respect of or in connection with any applications subsequently installed by the customer and any software not included in the original delivery package. This also applies to functions enabled subsequently at the customer's instigation. The purchaser bears sole risk for the loss of, damage to, and any defects arising in, this device or the applications or software and for any direct damage or consequential damage (e.g. acoustic shock) of whatever nature resulting from the use of these applications or software. For technical reasons, such applications or software and subsequent enabling of certain functions are lost in the event of the device being replaced/re-supplied and may be lost if it is repaired. In these cases the purchaser will need to download the application again or re-enable it. Siemens does not warranty or guarantee or accept any liability for the customer's ability to download or enable applications again or to do so free of charge.

Alarm clock

Menu ➤ Extras ➤ Alarm clock

Clock settings

Options ➤ Settings

See Settings/Date and time, p. 78.

Alarm setting

Use this function to set a single time for the alarm call. The alarm sounds even when the phone is switched off.

Options ➤ Set alarm

Key in the alarm time.

Turn off the alarm

When alarm is started you can:

Press Stop to turn off the alarm.

Press Snooze or any key to interrupt the alarm for 5 minutes. You can repeat this up to 5 times.

Note

The phone switches on automatically when the alarm time is reached. After you have pressed Stop, you can continue working with the phone by pressing Yes.

Clock options

Set alarm, Reset alarm, Remove alarm, Settings, Exit.

Favourites

Use Favourites to store frequently used functions, photos, notes, sound files, video clips, WAP bookmarks or saved WAP pages.

In Favourites there are three default shortcuts (not changeable):

Notes, Calendar, Inbox

To open Favourites:

Menu ➤ Extras ➤ Favourites

Add shortcuts

Some applications offer Add to Favourites as an option.

Select the application and press the joystick to open it.

Options ➤ Add to Favourites

Press OK.

Note

A shortcut in Favourites is automatically updated if you move the item it is pointing to, e.g. from one folder to another.

Favourites Options

Open, Edit shortcut name, Shortcut icon, Delete shortcut, Move, List view/Grid view, Exit

Most relevant functions:

Open

The selected file is opened in the corresponding application.

Edit shortcut name

Change name of the shortcut. This does not affect the file it is referring to.

Shortcut icon

Select an individual icon for a shortcut (not available for default shortcuts).

SIM Phonebook

SIM Phonebook application lets you manage phone numbers stored on your SIM card.

You can edit or delete them, add new entries or copy them to Contacts.

SIM details tells you how many entries there are on your SIM card.

See **Contacts**, p. 19.

SIM fixed dial

Phone numbers can be stored in protected locations on a special SIM card. A PIN 2 is needed for editing. Ask your service provider therefore.

Service numbers

Service Numbers are special phone numbers saved on the SIM card by the service provider. They cannot be edited or deleted. You can call local or nationwide information services or use services of the service provider.

SIM services

Your service provider may offer special applications such as mobile banking, stock market, etc. via the SIM card.

If you have such a SIM card the SIM services will appear at the end of the Extras menu or directly above the control key (on the left).

Symbol of the SIM services:

If there is more than one application they are displayed in the SIM services menu.

Extras ➤ SIM services

With the SIM services menu, your phone is ready for the future and will support additions to your service provider's user package. For further information, please contact your service provider.

General

Profiles are audio settings, which can be personalized in order to adapt the phone to different environments such as noisy places, or quite areas.

If a profile is used, several settings are made with **one** function, in order to adapt the phone to the noises of the environment, for example.

Six standard profiles are provided with default settings. They can be changed however:

General (default)
Mute
Meeting
Outdoor
Pager

Activate

Profiles

Select a profile.

Options ➤ Activate

The default mode used is preselected when the phone is switched on.

Setup

Edit a default profile or create a new personal profile:

Profiles

Select default profile or personal profile.

Options ➤ Personalise

Select the item you want to change and press the joystick to open/change it:

Ringtone

Select a tone from the list.

"Ringtone, line 1"
"Ringtone, line 2"

Only available if **Line in use** (p. 75) is active.

Incoming call alert

Ringing, Ascending, Ring once, Beep once, Silent.

Ringing volume

Set the volume level.

Message alert tone

Select a tone from the list.

Vibrating alert

On/Off

Keypad tones

Set the volume level.

Warning tones

On/Off

Alert for

Alert for all calls and/or groups (if groups are defined, see Contacts, p. 22).

Profile name

Give the profile an individual name. Not available for **General** mode.

Phone

➤ **Setup** ➤ **Settings** ➤ **Phone** ➤ Select a function:

General

Phone language

Set the language of the display text. When **Automatic** is set, the language of your service provider is used.

Writing language

The selected language affects:

- characters, when writing text
- dictionary used
- special character table (or)

T9 input

Not available for all languages.
See "Writing Text", p. 16.

Welcome note or logo

The following is displayed when you switch the phone on:

Default

Default image/animation.

Text

Write a note (max. 50 letters).

Image

Select an individual photo from the list.

Orig. phone settings

(Security code protected)

The phone is reset to the default values (factory setting). This does not apply to SIM card and network setup. All private documents and data remain unaffected.

By running reset, some settings will be lost. The most important ones are device settings, bluetooth settings, call settings (except call waiting), text editiong settings, converter values.

The default code for reset the phone to the factory settings is **12345**.

Standby mode

Wallpaper

Select your individual background photo for standby mode from the images saved on the phone or on the optional MultiMediaCard.

Left softkey /Right softkey

Change the function for each key. Select a new one from the list.

Display

Contrast

Make contrast lighter/darker.

Colour palette

Choose between **Blue Sky**, **Beach**, **City** and **Red**.

Screensaver

Setup ➤ Screensaver

The screensaver will be activated after a specific (free adjustable) time out. Any user action or phone event will deactivate the screensaver.

Screensaver timeout

Set the time after which the screensaver should become active. The range is from one minute to 30 minutes in steps of one minute.

Screensaver

Choose between:

Date and time

The actual date and time is shown. For adjusting see p. 78.

Text

Enter a desired text up to 15 characters.

Animation

- Default animation

Not changeable.

- Own animation

Select the required picture or animated GIF file from the folder **Images** (p. 51) or from the MultiMediaCard (p. 65).

Screensaver preview

A preview of the current setting is shown.

Note

Animated screensavers reduce the standby time.

Call

➤ **Setup** ➤ **Settings** ➤ **Call** ➤ Select a function:

Send my caller ID

When you make a call, your phone number can be displayed on the recipient's display (depending on the service providers).

Call waiting

During a call, you may be advised that there is another call waiting. You will hear a special tone during the call. If you are registered for this service, you can check whether it is set and you can activate/deactivate it.

Automatic redial

When activated, busy numbers will be automatically redialled up to 10 times. End with:

End key.

Summary after call

Shows duration and costs of last calls (needs activation of **Call cost limit**, p. 27).

Shortcut

Activates speed dialling function (p. 92).

Anykey answer

When activated, you can press any key to accept an incoming call.

Line in use

This function is only displayed if it is supported by the service provider. **Two independent** phone numbers must be registered on the phone.

Select the phone line you want for daily use. Calls can be answered irrespective of the selected line.

0 **Short** press to change left softkey. Press softkey to switch between the lines in standby mode.

Connection

You need access points to access the Internet for example to

- send/receive e-mails (p. 31)
- send/receive multimedia messages (p. 29)
- use WAP applications (p. 44)
- activate modem operation

To connect to an access point, a data connection is need. There may be access points predefined by your provider. Otherwise your provider will supply you with further information on this.

Menu ➤ Setup ➤ Settings ➤ Connection ➤ Select a function:

Access points

A list of default or defined access points may be shown. Select an access point from the list or define a new one.

Note

In order to setup your phone for WAP, MMS and Email, you can use the SMS Service. We recommend that you contact your network operator to send you the configuration message.

Alternatively, you can go to **www.my-siemens.com/customercare** and Siemens will send you the configuration message.

If you open the message and save it, the received settings are automatically used as **Preferred connection**, see **Messages**, p. 38.

New access point

Options ➤ New access point

Use default settings

If you want to use default entries.

Use existing settings

If you want to change an existing entry to create a new access point, select it from the list.

There are three types of connection available:

GSM data call

Data transmission rate up to 14.4 kbps.

To configure this access point:

- Connection name: your choice
- Data bearer: GSM data
- Access point name: from provider
- User name: from provider if required
- Prompt password: choose **Yes** if you want to key it in every logon
- Password: from provider if required
- Authentication: normal/Secure
- Gateway IP address: from provider
- Homepage: address of WAP service or multimedia messaging centre
- Session mode: e.g. Permanent
- Connection security: from provider
- Data call type: analogue, ISDN v.110, ISDN v. 120
- Maximum data speed: automatic, 9600, 14400

GPRS connection

(**G**eneral **P**acket **R**adio **S**ervice)

With packet data technology which connects only to send/receive data in packets.

To configure this access point:
- **Connection name**: your choice
- **Data bearer**: GPRS
- **Access point name**: from provider
- **User name**: from provider
- **Prompt password**: choose **Yes** if you want to key it in every logon
- **Password**: from provider if required
- **Authentication**: from provider
- **Gateway IP address**: from provider

Advanced Setup

If editing an access point:

Options ➤ Advanced settings

Your provider will supply you with further information on this if necessary.
- **Phone IP address**: from provider
- **Primary name server**: from provider
- **Second. name server**: from provider
- **Use callback**: data phone number
- **Callback type**: from provider
- **Callback number**: from provider
- **Use PPP compression**: from provider
- **Use login script**: from provider
- **Login script**: insert login script
- **Modem initialisation**: using AT modem commands. From provider.

Access point options

Edit, New access point (Use default settings, Use existing settings), Delete, Exit.

➤ Setup ➤ Settings ➤ Connection ➤ Select a function:

GPRS

The setup data are needed for all access points using GPRS.

GPRS connection
- **When available** Always use GPRS for text/data communication (if the network supports it)
- **When needed** Use only GPRS if an application/action needs it to work

Access point

If you want to use your phone as a modem to your computer, an access point name is needed.

Data call

➤ Setup ➤ Settings ➤ Connection ➤ Data call

The setup data are needed for all access points using a (high speed) data call.

Online time

The data call is switched off after a time-out period.
- **User defined**: Key in a period in minutes for time-out
- **Unlimited**: No time-out

Date and time settings

➤ **Setup** ➤ **Settings** ➤ **Date and time settings** ➤ Select a function:

The clock is set once at start-up the phone first time. Afterwards you may modify it by using the following features.

Time

Enter the time. Setting of the time format:

HH Hours (2-digit)

MM Minutes (2-digit)

Date

Enter the date. Setting of the date format:

DD Day (2-digit)

MM Month (2-digit)

YYYY Year (4-digit)

Date format

Select from:

mm dd yyyy
dd mm yyyy
yyyy mm dd

Date separator

Select from:

. : / -

Time format

12-hour or **24-hour**.

Time separator

Select from:

. :

Clock type

Analogue or **Digital**.

Auto time update

The phone gets the current time, date and time zone via the network.

Security

Menu ➤ Setup ➤ Settings ➤ Security ➤ Select a function:

Phone and SIM

The phone and SIM card are protected against misuse by several security codes.

PIN code request, **PIN code**, **PIN2 code** and **Security code** see p. 11.

Autolock period

If set, the phone locks after a timeout you can define. Key in a number for minutes. To unlock you must enter the security code.

Lock if SIM changed

(Security code protected)

Your phone is prevented from being used with a **different** SIM card.

SIM fixed dial

(PIN 2 protected)

Dialling is restricted to the numbers on the SIM card, new entries are not possible. If only area codes are entered, the relevant phone numbers can be added to these manually before dialling.

Dialling is restricted to those numbers saved on the fixed dialing numbers area of the SIM (selection of SIM numbers). Refer to fixed dialing numbers, page p. 70.

Closed user group

If offered by the service provider, this service enables groups to be formed. These have access for example to internal (company) information or special tariffs apply to them. Check with your service provider for details.

Confirm SIM services

The phone can be set to display confirmations when using a SIM card service.

Certif. management

There is a list of authorised certificates stored in your phone. These are used for verifying the origin of WAP pages and installed software.

You need a certificate, for example

- to work with an online bank or another server to transfer confidential information,
- to protect against viruses.

Note that a certificate is not a protection in itself. It needs to be checked for authenticity and trustworthiness.

Certificate details:

Certificates have a restricted lifespan. To be sure that the identity of a WAP gateway or a server is correct, check the signature and the certificate. You will be informed on the phone's display if something is wrong. One of the following advisors may appear:

Expired certificate, Certificate not valid yet, Certificate corrupted.

Trust settings

First select a certificate. A list of applications which can use this certificate is shown. Before changing anything make sure that you can trust the owner of this certificate and that it belongs to the owner on the list.

Certification Mgmt. Options

Certificate details:, Delete, Trust settings, Mark/Unmark, (Mark, Mark all, Unmark all), Exit.

Call barring

Setup ➤ Settings ➤ Call barring ➤ Select a function:

Barring restricts the use of your SIM card (not supported by all service providers). You need a 4-digit password which your service provider will give you. You may need to be registered separately for each barring.

Outgoing calls

All outgoing calls except emergency numbers 112 and 999 are barred.

International calls

Only national calls can be made.

International calls except to home ctry.

International calls are not permitted. However you can make calls to your home country when abroad.

Incoming calls

The phone is barred for all incoming calls (the diverting of all calls to the mailbox offers a similar effect).

Incoming calls when abroad

You do not receive calls when you are outside your home network. This means that no charges are incurred for incoming calls.

Check status

The following information can be displayed after a status check:

- Barring set.
- Barring not set.
- Status unknown (e.g. new SIM card).

Cancel all barrings

All barrings are cleared. A password which the service provider will give you is needed for this function.

Network

Setup ➤ Settings ➤ Network

Network selection

If **Automatic** is activated, the phone searches for and selects the next available network.

If **Manual** is activated, a network can be selected manually from the list of available GSM networks.

Cell info display

When on, the phone indicates that it is used in a Micro Cellular Network (MCN) and receives cell information.

Accessory settings

➤ Setup ➤ Settings ➤ Accessory settings ➤ Select a function:

Headset

Indication on the display when connected.

Active profile

By using a headset this profile will automatically be activated. You can select one of the standard profiles (p. 71).

Automatic answer

Factory default: **Off**

On/Off Calls are accepted automatically after a few seconds (except when the ringer is switched off or set to beep). You should therefore be wearing the headset if Auto answer is activated.

Eavesdropping is possible!

Integrated features:

- Accept call with the call key or PTT key.
- Activate voice dialling by **long** press the PTT key.

Car Kit

Indication on the display when connected:

Car Kit Basic.

Car Kit Portable/Comfort.

Additionally charging indications will be shown, when connected.

Default profile

By using a Car Kit this profile will automatically be activated. You can select one of the standard profiles (p. 71).

Automatic answer

Factory default: **Off**

On/Off Calls are accepted automatically after a few seconds. Eavesdropping is possible!

Automatic settings:

- Vibrating is switched off.
- Keylock is switched off. See # key on (p. 5).
- Phonelock is switched off. To unlock you must enter the security code (p. 79).

Call divert

You can set the conditions for which calls are diverted to your mailbox or other numbers. For details contact your service provider.

You can set divert as follows:

The most common condition for call divert is: **If not answered**

Setup ➤ Call divert

If not answered
Select.

Activate Select, then choose:

To voice mailbox
to divert to your voice mailbox number (p. 88)

or

To other number
Enter another number to which calls should be diverted.

Select the delay time after which a call should be diverted.

Press **OK**. After a short pause, the setting is confirmed by the network.

Divert conditions

The following conditions for call diverting are available:

All voice calls, If busy, If not answered, If out of reach, If not available, All fax calls, All data calls.

Check status

Options ➤ Check status

Check whether the divert is activated or not.

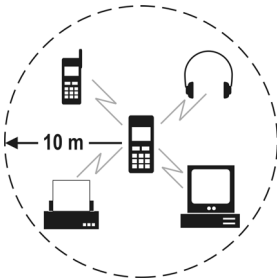
Cancel diverts

Options ➤ Cancel all diverts

All set diverts are cleared.

Bluetooth™

Bluetooth™ is a short-range radio system. It permits wireless communication between different terminal devices equipped with Bluetooth™ such as phones, phone accessories, printers and PCs.



Every Bluetooth™ device has a unique address and name. This is how it is guaranteed that the intended communication partners can connect. The security concept is based on a password that both devices exchange when they connect for the first time. These "trustworthy" partners can be included in a list. The password prompt is no longer necessary for future connections.

First Use

When you use this application for the first time, you may assign a Bluetooth™ name to it.

Use the default name or write a new one (max. 30 letters.

Press **OK**.

Settings

Setup ➤ Bluetooth™

Bluetooth™

On/Off You must activate Bluetooth™ in order to establish a Bluetooth™ connection between your mobile phone and other Bluetooth™ devices.

My phone's visibility

All If set, the phone can be located by other Bluetooth™ devices whenever you switch your phone on.

Hidden If activated, your own phone cannot be located by other Bluetooth™ devices.

My Bluetooth name

Assign a (Bluetooth™) name to your phone. This name can be seen by other Bluetooth™ devices within the possible range.

Note

When searching for other Bluetooth™ devices, you may see only their unique Bluetooth™ addresses (when no name was given). To see your unique address, enter in standby mode: *#2820#

Sending via Bluetooth™

To send an item via Bluetooth™, you must first select it in its application (for example, **Camera** ➤ **Images**, select an image). Then:

Options ➤ **Send** ➤ **via Bluetooth™**

Your phone starts to search for other Bluetooth™ devices. If Bluetooth is turned off, you will be asked if you want to turn it on.

All found partners are shown on the display with a device icon, their Bluetooth™ name and the device type. Trusted partners are indicated by an icon .

Note

An existing list of devices may appear, if you have already searched for other devices. In this case select **More devices**.

Icons for devices are:

	Computer
	Phone
	Car Kit
	headset
	Other
	Unknown
Stop	Press to interrupt search and work with devices already found.

Select the partner you want to connect with.

Press **Select**. The item you want to send is copied to the Outbox.

Connecting is shown.

If "Pairing" is required by the other device, you must enter a password. The default password is **0000**. Give it to the partner, for its unique use. Subsequently this device is trusted.

Now the connection should be established.

Sending data shown.

After the message has been sent, the Bluetooth™ connection will be ended automatically.

Note

If sending fails, the message will be deleted from the **Outbox**.

Data received via Bluetooth™ are stored in the **Inbox**, p. 32.

Status icons:

	Bluetooth™ active.
	Connection is active.

Paired devices view

➤ Setup ➤ Bluetooth

Communication with paired devices is more convenient and quicker.

Pairing with a device

Move the joystick to the right to view the paired device list.

Options ➤ New paired device

Your phone starts to search for other Bluetooth™ devices, or a list of devices appears if you have already searched for other devices.

Select the partner you want to connect with.

Press **Select**.

Enter password required by the selected partner device (see "Sending via Bluetooth™" above). The device is added to the paired device list.

Assign short name

Options ➤ Assign short name

Define a short name or alias for better recognition of certain devices after searching. These names are only visible to you and not to other Bluetooth™ users.

Set as authorised

Options ➤ Set as authorised

Paired devices can be set as authorised to allow them a connection to your device without your knowledge. This status is useful for your own devices, such as your computer or your Bluetooth headset for example. Authorised devices are indicated by .

Paired devices options

New paired device, Assign short name, Set as authorised/Set as unauthorised, Delete, Delete all, Exit.

Receive via Bluetooth™

Bluetooth™ must be activated. When you receive a message via Bluetooth™, you will be asked for acceptance.

 is shown if Bluetooth message is accepted. The message is stored in the **Inbox**, p. 32. Unread Bluetooth™ messages are indicated by .

After the message has been received, the Bluetooth™ connection is ended automatically.

Infrared

Setup ➤ via infrared

Your phone has an infrared interface. You can use this to exchange data (e.g. address entries, business card, notes) with other devices that are also equipped with an infrared interface.

The infrared interface is on the upper left side of the phone. The infrared ports of the sending and receiving devices must be pointing at each other and the distance between them must not exceed 30 cm.

To send an item via Infrared, you must first select it in its application. Then:

Options ➤ Send ➤ via infrared

Items received via infrared are stored in the **Inbox**, p. 32.

Note

Status icons:

	Received Items in the **Inbox**.
	Connection is active.

Modem

Setup ➤ Modem

To use your phone as a fax modem, you first have to establish a connection to an other device via Infrared or Bluetooth™.

Connecting via Infrared

To activate the connection via Infrared:

Options ➤ Connect

To disconnect an established connection:

Press **Disconn.**

Connecting via Bluetooth™

The connection must initiated by the remote device side.

The control of the connection happens via the Bluetooth™ application (p. 84).

Audio

Menu ➤ Setup ➤ Audio

Edit the current profile (see also p. 71).

Ringtone

Select a tone from the list.

Note

"Ringtone, line 1"
"Ringtone, line 2"

Only available if **Line in use** (p. 75) is active.

Incoming call alert

Ringing, Ascending, Ring once, Beep once, Silent.

Ringing volume

Set the volume level.

Message alert tone

Select a tone from the list.

Vibrating alert

On/Off

Keypad tones

Set the volume level.

Warning tones

On/Off

Alert for

All calls or for specified groups.

Voice mailbox

Menu ➤ Setup ➤ Voice mailbox

Most service providers offer you an external answering service. In this mailbox, a caller may leave a voice message for you

- if your phone is switched off or not ready to receive,
- if you do not want to answer,
- if you are making a phone call (and if **Call waiting** is not activated, p. 75).
- if diverted calls are saved on your voice maibox (see Divert, p. 83).

If the voice mail service is not part of your service provider's user package, you will need to register and the settings must be made manually. The following description may vary slightly depending on the service provider.

You can use the following options to call your mailbox or to change the number of the mailbox:

Call voice mailbox

Call this phone number to listen to the voice mails left for you. To set it up:

Change number

Enter the phone number you will call to listen to your voice mails.

Listen to

A new voice mail can be displayed as follows: ✉

To call your mailbox (in standby mode):

1 press, then ✆

or

just press 1 long.

If you are asked for the voice mailbox number:

Key in the number.

Press **OK**.

or

store the mailbox number for future use, see as follows.

Divert number

Calls are diverted to this phone number. If all calls are diverted to voice mailbox:

Indication on the display

To set it up:

Setup ➤ Call divert

Select a divert option, for example: **If busy**, to divert calls when your number is busy.

Options ➤ Activate

Voice mailbox

Select **To voice mailbox**

Press **OK**. Registration at the network will be confirmed after some seconds.

Other phone number

Select **To other number**

Key in the phone number you want to divert to.

Press **OK**. Registration at the network will be confirmed after some seconds.

Note

Find Press to select the divert number from the Addresses.

Password

Your voice mail may request a password every time you call it. In this case you may want to add it as a DTMF number after the voice mail number.

For example, +55 11223344p1234#

where 1234 is the password and p inserts a pause.

Manager

Setup ➤ Manager

Install or remove applications and software packages. You can only use Symbian device software installation files with the extension ".SIS" (to install Java™ applications, see p. 66).

When you open Manager, a list is displayed of:

- partially installed application.
- installed applications.

To get informations like name, version, type, etc. about an application, select the corresponding list entry:

Options ➤ View details

To display the security certificate of a software package:

Options ➤ View certificate

Move the joystick to the right to see the Memory view.

Note

Do not install software from sources without adequate protection against viruses and other harmful software.

See also "Symbian and Java™ applications", p. 68.

To help you, the software installation system uses digital signatures and certificates on software packages.

See also **Certificate management**, p. 79

Installing applications

An application you want to install must be suitable for the Symbian operating system. Application packages are normally compressed files which contain several component files.

Note

Before you install an update for an existing application, be sure that you have a backup or the original software package. Otherwise you cannot restore the original application.

Before restoring the original, remove the installed application.

You can get installation packages via

- Bluetooth™, Infrared from a computer or phone.
- multimedia message or as an e-mail attachment.
- download during a WAP session.

Select the required installation package.

Press the joystick to start installation.

Note

The phone warns you when installing software without digital signature or certificate. Continue only if you are sure of the origin and the contents of the software package.

During installation, the phone checks the integrity of the application package to be installed. Information about the checks are displayed, with the option to cancel the installation.

Removing applications

Select the application:

➤ **Setup** ➤ **Manager** ➤ **Options** ➤ **Remove**

Yes Press to confirm.

Note

Before removing software, make sure that
- no other application is dependent on it,
- no documents need it to work with.

Manager options

View details, View certificate, Manager, Remove, View log, Send log, Exit.

Most relevant functions:

View log

See what application packages have been installed or removed and when.

Viewing memory consumption

In the **Manager** ➤ **Options** view, you can see the memory consumption of:

Calendar, Contacts, Documents, Messages, Images, Sound files, Video clips, Java apps., Mem. in use, Free memory.

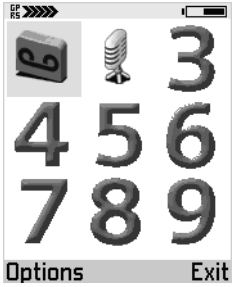
If memory is getting low, remove some files or applications.

Shortcut

Menu ➤ Setup ➤ Shortcut

Digit keys 2 to 9 can be used as shortcut numbers. If a phone number is assigned, it will be called. If an application is assigned, then this will be started.

Number 1 is reserved for voice mailbox access.



Assign

Options ➤ Assign

A list with available categories is shown. Choose for the required entry:

Phone number

Only numbers saved under Contacts can be assigned as shortcut. Select the required entry. Press the joystick to open the entry and scroll to a number.

Press **Select**.

When the shortcut selection is saved, a symbol followed by an asterik can be seen next to the number in the contacts entry. If a thumbnail is assigned to the phone number, it will be displayed in the grid.

Application

A list of available applications is shown. Select the required entry.

Press **Select**.

How to use the shortcuts

2 – 9 Press and hold shortcut number (in standby mode).

or

Menu ➤ Setup ➤ Shortcut

Select a shortcut number in the grid by moving the joystick. Start action with a press on the joystick.

Clear

Select the entry to be removed from the shortcut key.

Options ➤ Clear

Shortcut options

Depends on the current situation.

Assign, Call, Change, Clear, View details, Exit.

If you have any questions about using your phone, visit us at **www.my-siemens.com/customercare** any time.
In addition we have listed some frequently asked questions and answers below.

Question	Possible causes	Possible solution
Phone cannot be switched on.	On/Off key not pressed long enough.	Press On/Off key for at least two seconds.
	Flat battery.	Charge battery. Check charging indicator in the display.
	Battery contacts dirty.	Clean contacts.
	See also below under: "Charging error"	
Standby time is too short.	Frequent use of the organiser and games.	Restrict use if necessary.
	Animated screensaver activated.	Deactivate animated screensaver (p. 74)
	Unintentional keystrokes (illumination!).	Activate key lock.
Charging error (charge icon not displayed).	Battery totally discharged.	1) Plug in charger cable. 2) Wait up to 2 hours until the charge icon is displayed. 3) Charge battery as usual.
	Temperature out of range: 5 °C to 40 °C.	Make sure the ambient temperature is right, wait a while, then recharge.
	Contact problem.	Check power supply and connection to the phone. Check battery contacts and device interface, clean them if necessary, then insert battery again.
	No mains voltage.	Use different mains power socket, check mains voltage.
	Wrong charger.	Only use original Siemens accessories (p. 6).
	Battery faulty.	Replace battery (p. 103).
SIM error.	SIM card not correctly inserted.	Make sure that the SIM card is correctly inserted (p. 6).
	SIM card contacts dirty.	Clean the SIM card with a dry cloth.
	SIM card with wrong voltage.	Use 3 V SIM cards only.
	SIM card damaged (e.g. broken).	Inspect the damage. Return the SIM card to service provider.

Question	Possible causes	Possible solution
No connection to network.	Signal weak.	Move higher, to a window or open space.
	Outside GSM range.	Check service provider coverage map.
	SIM card not valid.	Contact the service provider.
	Network barring is set.	Check barrings (p. 80).
	Network overloaded.	Try again later.
Phone loses network.	Signal too weak.	Reconnection to another service provider is automatic. Switching the phone off and on may speed this up.
Calls not possible.	2nd line set.	Set line 1 (p. 75).
	New SIM card inserted.	Check for new restrictions.
	Charge limit reached.	Reset limit with PIN 2 (p. 27).
	Credit used up.	Load credit (p. 27).
Certain uses of the phone not possible.	Call restrictions are set.	Barrings may be set by your service provider. Check barrings (p. 80).
Voice mail does not work.	Call divert to the mailbox not set.	Set call divert to the mailbox (p. 88).
Memory low.	Phone memory full.	Delete stored messages, images or applications.
MultiMediaCard error.	Card inserted in wrong position.	Insert in right direction (p. 65).
Function cannot be set.	Not supported by service provider or registration required.	Contact your service provider.
Snapshot pictures in bad quality.	camera lens polluted	Clean camera lens with a smooth rag.
Message cannot be sent.	Some service providers do not support this service.	Check with your service provider.
	Phone number of the service centre is not set or is wrong.	Set message centre (p. 28).
	SIM card contract does not support this service.	Contact your service provider.
	Service centre overloaded.	Repeat message.
	No selection from addresses possible.	Entry has no phone number (p. 20).
	Addressee does not have a compatible phone.	Check, if the receiver has a compatible phone.

Question	Possible causes	Possible solution
Messages cannot be received	Phone memory full.	Delete stored messages or images.
	Wrong settings.	Check settings for specific message type.
No Internet access possible.	Wrong WAP profile set or settings wrong, incomplete.	Check settings (p. 44), if necessary consult your service provider.
PIN error/ PIN2 error.	Three wrong entries.	Enter the PUK (MASTER PIN) provided with the SIM card according to the instructions. If the PUK (MASTER PIN) has been lost, contact your service provider.
Phone code error.	Three wrong entries.	Contact Siemens Service (p. 96).
Service provider code error.	No authorisation for this service.	Contact your service provider.
No fax possible.	Incorrect settings in the PC.	Check settings.
	No authorisation for this service.	Contact your service provider.
Charge counter does not work.	Charge pulse not transmitted.	Contact your service provider.
Damage		
Severe shock.	Remove battery and SIM and insert them again. Do not dismantle phone!	
Phone became wet.	Remove battery and SIM card. Dry immediately with cloth, do not heat. Dry connector contacts thoroughly. Stand unit upright in an air current. Do not dismantle phone!	

Reset settings to the factory default: * # 7780 #. Enter security code, see p. 11.

We offer fast, individual advice!
You have several options:

Our online support on the Internet:

www.my-siemens.com/customercare

We can be reached any time, any place. You are given 24 hour support on all aspects of our products. Here you will find an interactive fault-finding system, a compilation of the most frequently asked questions and answers, plus user guides and current software updates to download.

You will also find the most frequently asked questions and answers in the section entitled "Questions & Answers" (p. 93) in this user guide.

You can also get personal advice about our range of products on our Premium Hotline:

United Kingdom 09069597500

(0.75 £ per minute)

Qualified Siemens employees are waiting to offer you expert information about our products and installation.

In some countries repair and replace services are impossible where the products are not sold through our authorised dealers.

When calling customer service, please have ready your receipt and the phone identity number (IMEI, to display press * **# 0 6 #**), the software version (to display, press * **# 0 6 #**, then **info**) and if available, your Siemens Service customer number.

If repair work is necessary, please contact one of our service centres:

Abu Dhabi 0 26 42 38 00
Argentina 0 80 08 88 98 78
Australia 13 00 66 53 66
Austria 05 17 07 50 04
Bahrain 40 42 34
Bangladesh 0 17 52 74 47
Belgium 0 78 15 22 21
Bolivia 0 21 21 41 14
Bosnia Herzegovina 0 33 27 66 49
Brazil 0 80 07 07 12 48
Brunei 02 43 08 01
Bulgaria 02 73 94 88
Cambodia 12 80 05 00
Canada 1 88 87 77 02 11
China 0 21 50 31 81 49
Croatia 0 16 10 53 81
Czech Republic 02 33 03 27 27
Denmark 35 25 86 00
Dubai 0 43 96 64 33
Egypt 0 23 33 41 11
Estonia 06 30 47 97
Finland 09 22 94 37 00
France 01 56 38 42 00
Germany 0 18 05 33 32 26
Greece 0 80 11 11 11 16
Hong Kong 28 61 11 18
Hungary 06 14 71 24 44
Iceland 5 11 30 00
India ..... 22 24 98 70 00 Extn: 70 40
Indonesia 0 21 46 82 60 81
Ireland 18 50 77 72 77
Italy 02 24 36 44 00
Ivory Coast 05 02 02 59
Jordan 0 64 39 86 42
Kenya 2 72 37 17
Kuwait 2 45 41 78
Latvia 7 50 11 18
Lebanon 01 44 30 43
Libya 02 13 50 28 82
Lithuania 8 52 74 20 10
Luxembourg 43 84 33 99
Macedonia 02 13 14 84
Malaysia ..... + 6 03 77 12 43 04
Malta ..... + 35 32 14 94 06 32
Mauritius 2 11 62 13

Mexico 01 80 07 11 00 03
Morocco 22 66 92 09
Netherlands 0 90 03 33 31 00
New Zealand 08 00 27 43 63
Nigeria 0 14 50 05 00
Norway 22 70 84 00
Oman 79 10 12
Pakistan 02 15 66 22 00
Paraguay 8 00 10 20 04
Philippines 0 27 57 11 18
Poland 08 01 30 00 30
Portugal 8 08 20 15 21
Qatar 04 32 20 10
Romania 02 12 04 60 00
Russia 8 80 02 00 10 10
Saudi Arabia 0 22 26 00 43
Serbia 01 13 07 00 80
Singapore 62 27 11 18
Slovak Republic 02 59 68 22 66
Slovenia 0 14 74 63 36
South Africa 08 60 10 11 57
Spain 9 02 11 50 61
Sweden 0 87 50 99 11
Switzerland 08 48 21 20 00
Taiwan 02 23 96 10 06
Thailand 0 27 22 11 18
Tunisia 71 86 19 02
Turkey 0 21 65 79 71 00
Ukraine 8 80 05 01 00 00
United Arab Emirates 0 43 31 95 78
United Kingdom 0 87 05 33 44 11
USA 1 88 87 77 02 11
Vietnam 84 89 30 01 21
Zimbabwe 04 36 94 24

Your phone has been designed and crafted with great care and attention and should also be treated with care. The suggestions below will help you to enjoy your phone for many years.

- Protect your phone from moisture and humidity! Precipitation, humidity and liquids contain minerals that will corrode electronic circuits. Nevertheless, should your phone become wet, disconnect it immediately from the power supply and remove the battery!
- Do not use or store the phone in dusty, dirty areas. Its moving parts may become damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries and warp or melt certain plastics.
- Do not store your phone in cold areas. When the phone warms up again (to its normal ambient temperature), moisture can form inside the phone, which may damage electronic circuit boards.
- Do not drop, knock or shake your phone. Rough handling can damage internal circuit boards!
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the phone!
- If your phone has an integrated camera, the lens should be cleaned only with a dry, soft cloth or brush.

The suggestions given above apply equally to your phone, battery, charger and all accessories. If any of these parts are not working properly, take them to your nearest qualified service outlet. The personnel there will assist you and, if necessary, repair the device.

Declaration of conformity

Siemens Information and Communication mobile hereby declares that the phone described in this user guide is in compliance with the essential requirements and other relevant provisions of European Directive 1999/5/EC (R&TTE).

The declaration of conformity (DoC) concerned has been signed. Please call the company hotline if you require a copy of the original.

CE 0168

Technical data

GSM class:	GSM 900/1800/1900
Weight:	116 gr
Dimensions:	109 x 56 x 19 mm (110 ccm)
Li-Ion battery:	1000 mAh
Operating temperature:	-10°C - +55°C
SIM card:	3V
SAR value:	0.52 W/kg

Phone ID

You will need the following details if you lose your phone or SIM card. Please enter here

the number of the SIM card (on the card):

.....

15-digit serial number of the phone (under the battery):

.....

Customer Service number of the service provider:

.....

Lost phone

If you lose your phone or SIM card contact your service provider immediately to prevent misuse.

INFORMATION ON RF EXPOSURE /SPECIFIC ABSORPTION RATE (SAR)

THIS MOBILE PHONE MEETS THE LIMITS SET BY THE EU (1999/519/EC) FOR PROTECTION OF THE HEALTH OF THE PUBLIC FROM THE EFFECTS OF EXPOSURE TO ELECTROMAGNETIC FIELDS

These limits are part of comprehensive recommendations for the protection of the public. The recommendations were developed and confirmed by independent scientific organisations through periodic and thorough evaluation of scientific studies*. The limits include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

Before a radio equipment may be placed on the market, compliance with the European laws and the respective technical limit requirements must be demonstrated. Only then the CE mark may be affixed**. The limit for mobile phones recommended by the Council of the European Union employs a unit of measurement known as the Specific Absorption Rate, or SAR. This SAR limit is 2,0 W/kg***. This corresponds with the requirements of the International Commission for Non-Ionizing Radiation Protection ICNIRP and was adopted into the European Norm for Mobile Radio Equipment EN 50360. The SAR of mobile phones is determined in accordance with the European Norm EN 50361. This involves measuring the maximum value in all frequency bands of the mobile phone with the phone transmitting at its highest power level. The actual SAR level of the phone during normal operation may be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station, the lower the power output.

The highest SAR value for this model phone when tested for compliance against the norm is

0.52 W/kg****.

The SAR information can also be found on the Siemens web site at **www.my-siemens.com**
While there may be differences between the SAR levels of various phones and at various positions, all Siemens products meet the legal requirements.

* The World Health Organization (WHO, CH-1211 Geneva 27, Switzerland) states that present scientific information does not indicate the need for any special precautions for use of mobile phones.

Further information:
www.who.int/peh-emf, www.mmfai.org, www.my-siemens.com

** The CE mark confirms that the product is in compliance with the legal requirements of the European Union as a prerequisite for the placing on the market and the free movement of goods within the European internal market.

*** averaged over 10g body tissue.

**** SAR values may vary depending on national requirements and frequency bands. SAR information for different regions can be found at **www.my-siemens.com**

INFORMATION ON RF EXPOSURE /SPECIFIC ABSORPTION RATE (SAR)

THIS MOBILE PHONE MEETS THE LIMITS FOR PROTECTION OF THE HEALTH OF THE PUBLIC FROM THE EFFECTS OF EXPOSURE TO ELECTROMAGNETIC FIELDS

Your mobile phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the limits for exposure to radio frequency (RF) energy recommended by international guidelines from the International Commission on Non-Ionizing Radiation Protection (ICNIRP). These limits are part of comprehensive guidelines for the protection of the public and establish permitted levels of RF energy for the population. The guidelines were confirmed by independent scientific organisations through periodic and thorough evaluation of scientific studies*. The limits include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure limit for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit stated in the international guidelines is 2.0 W/kg**. Tests for SAR are conducted in all frequency bands using standard operating positions with the phone transmitting at its highest power level. The actual SAR level of the phone during operation can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station, the lower the power output.

The highest SAR value for this model phone when tested for use at the ear is

0.52 W/kg***.

SAR information can also be found at **www.my-siemens.com**
While there may be differences between the SAR levels of various phones and at various positions, they all meet the international guidelines for safe RF exposure.

* The World Health Organization (WHO, CH-1211 Geneva 27, Switzerland) states that present scientific information does not indicate the need for any special precautions for use of mobile phones.

Further information:
www.who.int/peh-emf, www.mmfai.org, www.my-siemens.com

** averaged over 10g of tissue.

*** SAR values may vary depending on national requirements and frequency bands. information for different regions can be found at **www.my-siemens.com**

Basics

Li-Ion Battery 1000mAh EBA-540

Travel Charger

ETC-500 (Euro)

ETC-510 (UK)

Travel charger with an extended input voltage range of 90-264V.

Headset PTT HHS-550 (Stereo)

Like Headset (Mono), but additionally stereo functionality for music.

Belt Case FCT-510

Gives you a secure grip and protects your phone.

Headset PTT Bluetooth™

HHB-505 (with Euro charger)

HHB-515 (with UK charger)

HHB-525 (with Australian charger)

Convenient and smart headset without the hindrance of a cable. Can be used on any phone that supports the Bluetooth Headset profile.

Data

Data Cable USB DCA-540

To connect the phone to the USB port of the PC.

SyncStation DSC-510

Table cradle for your mobile phone. Allows data exchange and simultaneously charges the phone on the power supply unit at home. Features a Data Cable USB and a Y adapter.

Car Solutions

Car Charger ECC-500

Charger for the cigarette lighter socket in the car. It supports either 12 or 24 volt DC.

Car Kit Portable HKP-500

Handsfree kit with integrated loudspeaker and microphone and auto answer feature. Simply plug into the cigarette lighter socket. Ideal for mobility between vehicles.

Mobile Holder Antenna HMH-530

To be used in combination with a Car Kit Portable and as an upgrade to the Car Kit Comfort.

Car Kit Basic HKB-500

Allows handsfree talking and simultaneously charges the mobile phone in the car. Features a Car Charger, a Headset PTT and a Y adapter.

Car Kit Comfort HKC-530

Handsfree kit with first-class digital call quality and utmost ease of use. Includes all components needed for installation. The individual antenna solution can be obtained from your specialist dealer.

Car Kit Upgrade HKO-540

To upgrade the Car Kit Comfort from Siemens mobile phone series before 55 generation.

Optional Car Kit accessories

VDA Adapter Cable HKO-560

Products can be obtained in specialist shops. Visit our online shop under:

SIEMENS Original Accessories

Original Siemens Accessories

www.siemens.com/mobilestore

Battery quality statement

The capacity of your mobile phone battery will reduce each time it is charged/emptied. Storage at too high or low temperatures will also result in a gradual capacity loss. As a result the operating time of your mobile phone may be considerably reduced, even after a full recharge of the battery.

Regardless of this, the battery has been designed and manufactured so that it can be recharged and used for six months after the purchase of your mobile phone. After six months, if the battery is clearly suffering from loss of performance, we recommend that you replace it. Please buy only Siemens original batteries.

Display quality statement

Discoloured white or black dots may appear on the display. This is a design-related feature of the screen. Standard ISO 13406-2:2001 regulates how many defective pixels or subpixels are acceptable. Siemens has complied with this standard and satisfies the following requirements:

- maximum number of defective white pixels: 2
- maximum number of defective black pixels: 2
- maximum total number of defective pixels: 5

In addition, there may be no more than 4 defective bright pixels in a diameter of 10 mm.

If the screen on your phone does not satisfy these requirements, please contact Siemens Service, p. 96.

Without prejudice to any claim the user (customer) may have in relation to the dealer or retailer, the customer shall be granted a manufacturer's Guarantee under the conditions set out below:

- In the case of new devices and their components exhibiting defects resulting from manufacturing and/or material faults within 24 months of purchase, Siemens shall, at its own option and free of charge, either replace the device with another device reflecting the current state of the art, or repair the said device. In respect of parts subject to wear and tear (including but not limited to, batteries, keypads, casing), this warranty shall be valid for six months from the date of purchase.
- This Guarantee shall be invalid if the device defect is attributable to improper treatment and/or failure to comply with information contained in the user manuals.
- This Guarantee shall not apply to or extend to services performed by the authorised dealer or the customer themselves (e.g. installation, configuration, software downloads). User manuals and any software supplied on a separate data medium shall be excluded from the Guarantee.
- The purchase receipt, together with the date of purchase, shall be required as evidence for invoking the Guarantee. Claims under the Guarantee must be submitted within two months of the Guarantee default becoming evident.
- Ownership of devices or components replaced by and returned to Siemens shall vest in Siemens.
- This Guarantee shall apply to new devices purchased in the European Union. The Guarantee is issued by Siemens plc, Siemens House, Oldbury, Bracknell, Berkshire, RG12 8FZ.
- Any other claims resulting out of or in connection with the device shall be excluded from this Guarantee. Nothing in this Guarantee shall attempt to limit or exclude a Customers Statutory Rights, nor the manufacturer's liability for death or personal injury resulting from its negligence.
- The duration of the Guarantee shall not be extended by services rendered under the terms of the Guarantee.
- Insofar as no Guarantee default exists, Siemens reserves the right to charge the customer for replacement or repair.
- The above provisions does not imply a change in the burden of proof to the detriment of the customer.

To invoke this Guarantee, please contact the Siemens telephone service. The relevant number is to be found in the accompanying user guide.

Guarantee certificate (IRL)

Without prejudice to any claim the user (customer) may have in relation to the dealer or retailer, the customer shall be granted a manufacturer's Guarantee under the conditions set out below:

- In the case of new devices and their components exhibiting defects resulting from manufacturing and/or material faults within 24 months of purchase, Siemens shall, at its own option and free of charge, either replace the device with another device reflecting the current state of the art, or repair the said device. In respect of parts subject to wear and tear (including but not limited to, batteries, keypads, casing), this warranty shall be valid for six months from the date of purchase.
- This Guarantee shall be invalid if the device defect is attributable to improper care or use and/or failure to comply with information contained in the user manuals. In particular claims under the Guarantee cannot be made if:
- The device is opened (this is classed as third party intervention)
- Repairs or other work done by persons not authorised by Siemens.
- Components on the printed circuit board are manipulated
- The software is manipulated
- Defects or damage caused by dropping, breaking, lightning or ingress of moisture. This also applies if defects or damage was caused by mechanical, chemical, radio interference or thermal factors (e.g.: microwave, sauna etc.)
- Devices fitted with accessories not authorised by Siemens
- This Guarantee shall not apply to or extend to services performed by the authorised dealer or the customer themselves (e.g. installation, configuration, software downloads). User manuals and any software supplied on a separate data medium shall be excluded from the Guarantee.
- The purchase receipt, together with the date of purchase, shall be required as evidence for invoking the Guarantee. Claims under the Guarantee must be submitted within two months of the Guarantee default becoming evident.
- Ownership of devices or components replaced by and returned to Siemens shall vest in Siemens.
- This Guarantee shall apply to new devices purchased in the European Union. For Products sold in the Republic of Ireland the Guarantee is issued by Siemens Ireland Limited, Ballymoss Road, Sandyford Industrial Estate, Dublin 18 - The Republic of Ireland.
- Any other claims resulting out of or in connection with the device shall be excluded from this Guarantee. Nothing in this Guarantee shall attempt to limit or exclude a Customers Statutory Rights, nor the manufacturer's liability for death or personal injury resulting from its negligence.
- The duration of the Guarantee shall not be extended by services rendered under the terms of the Guarantee.
- Insofar as no Guarantee default exists, Siemens reserves the right to charge the customer for replacement or repair.
- The above provisions does not imply a change in the burden of proof to the detriment of the customer.

To invoke this Guarantee, please contact the Siemens helpdesk on 1850 777 277. This number is also to be found in the accompanying user guide.

A

Access points ... 76
Accessories ... 103
Accessory settings ... 82
Adressbook, see Contacts ... 19
Alarm clock ... 69
Answering service (external) ... 88
Anykey answer ... 75
Applications menu ... 9
Attachments (e-mail) ... 36
Audio (setup) ... 88
Auto time update ... 78
Autolock period ... 79
Automatic redial ... 75

B

Barrings ... 80
Battery
  charge ... 7
  insert ... 6
  quality statement ... 104
Bluetooth ... 84
Bookmarks ... 44
Business card ... 25

C

Calculator ... 61
Calendar ... 57
Call
  accept/end ... 12
  barring ... 80
  costs ... 27
  divert ... 83
  duration ... 26
  hold ... 13
  menu ... 14
  register ... 26
  reject ... 13
  set up ... 75
  timers ... 26
  transfer ... 14
  waiting ... 13, 75
Camera ... 49
Car accessories ... 103
Car Kit settings ... 82
Care of phone ... 98
Cell broadcast ... 41
Cell info display ... 81
Certificate management ... 79
Charge battery ... 7
Closed user group ... 79
Colour palette ... 73
Colour palette (display) ... 73
Conference ... 13
Connection (setup) ... 76
Connection security (WAP) ... 48
Contacts
  add a picture ... 20
  add a ringtone ... 24
  add DTMF tones ... 21
  business card ... 25
  call an entry ... 21
  groups ... 22
  new entry ... 19
  view an entry ... 21
  voice dialling ... 23
Contrast ... 73
Converter ... 62
Customer care ... 96

D

Data call ... 77
Date and time (setup) ... 78
Default access point ... 47
Delivery reports ... 37
Dialled calls ... 26
Dialling with number keys ... 12
Display (setup) ... 73
Display text language ... 73
Divert ... 83
Drafts ... 36
DTMF tones ... 14

E
Editing text 16
E-mail
attachments 31, 36
create 31
mailbox 35
read 35
settings 40
Emergency number (SOS) 7
Extras 64

F
Favourites 69
Fax modem 87
File Manager 64

G
Getting started 6
GPRS
counter 27
setup 77
Groups 22
GSM network 81
Guarantee certificate (UK) 105

H
Handsfree talking 15
Headset 103
accessory 103
setup 82
Hotline 96

I
Images 51
Inbox (messages) 32
Infrared 87
Input text language 73
Installing software 91

J
JAD/JAR file 67
Java™ 66

K
Keypad tones 72, 88

L
Language (display text) 73
Line in use 75
Lost phone, SIM card 99
Loudspeaker 15

M
Mailbox (e-mail) 35
Maintenance of phone 98
Manager 90
Messages 28
alert tone 71, 88
draft folder 36
e-mail 31
inbox 32
mailbox (e-mail) 35
multimedia messages (MMS) 29
my folders 34
outbox 37
reports 37
sent folder 36
settings 37
short messages (SMS) 28
Missed calls 26
MMS
create 30
read 33
reception 39
settings 38
Modem 87
Multimedia messages 29
MultiMediaCard 65
Music 55
Mute 14
My folders (messages) 34

N

Navigation 8
Network (setup) 81
Notepad 60
Notes 60

O

Operating time 7
Organiser 57
Outbox (messages) 37
Overview of the phone 4
Own number sending 75

P

Packet data 77
Phone language 73
Phone line in use 75
Phonebook (contacts) 19
Photo album 51
Picture messages 53
PIN code
  change 11
  enter 10
  error 95
PIN2 code 11
Preferred connection 38
Product data 99
Profiles 71
PUK, PUK2 11

Q

Questions & Answers 93

R

Radio 55
Received calls 26
Recorder 60
Records 26
Reply via same centre 38
Ringing volume 15, 71, 88
Ringtone 24, 71, 88

S

Safety precautions 3
Screensaver 74
Searching 9
Second phone number 75
Security 79
Security code 11
Send DTMF (WAP) 48
Send my caller ID 75
Sent items 36
Service centres 37
Service commands 43
Setup
  accessory 82
  audio 88
  Bluetooth 84
  call 75
  call barring 80
  call divert 83
  connection 76
  date and time 78
  Infrared 87
  manager 90
  modem 87
  network 81
  phone 73
  screensaver 74
  security 79
  shortcut 92
  voice mailbox 88
Shortcut 75, 92
SIM
  fixed dial 70
  insert card 6
  messages 43
  phonebook 70
  problems 93
  protect 11
  remove barring 11
  services 70

SMS
create 28
read 32
Settings 37
Snapshot 49
SOS 7
Speed dialling keys 92
Standby mode 10, 73
Summary after call 75
Switch on/off 10
Switching between applications 9

T

T9 text entry 16
Tasks 59, 60
Technical data 99
Text input with T9 16
Thumbnails in an contacts entry 20
Time, settings 78
Today 60
To-do (tasks) 59
Troubleshooting 93

U

Upper-, lowercase letters 17

V

Validity period 38
Vibrating alert 72, 88
Voice dialling 23
Voice mailbox 88
Voice memo 60
Volume control 15

W

Wallpaper 53, 73
WAP
browser 46
connection 46
connection security 48
messages 34
save pages 47
service messages 34
settings 44, 47
Warning tones 88
Welcome note or image 73
Writing language 73
Writing text 16